

🔇 Tel: 400-999-8863 📼 Emall:Upingbio.163.com

Website: www.upingBio.com

## PIK3CA H1047R (ABT453) Mouse mAb

sotype         IgG           Reactivity         Human           Applications         IHC,WB           Sene Name         PIK3CA           Protein Name         5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha isoform;caPI3K;CLOVE;CWS5;MCAP;MCM:MCMTC;MGC142161;MGC142163; p110 alpha;p110alpha;Phosphatidylin           mmunogen         Synthesized peptide derived from human PIK3CA H1047R           Specificity         The antibody can specifically recognize the h1047r mutation of human PIK3CA protein, and does not react with wild-type PIK3CA protein.           source         Monoclonal Mouse IgG2b, kappa           Purification         The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.           Dilution         IHC-p 1:200-400,WB: 500-1000           Concentration         1 mg/ml           Purify         290%           Storage Stability         -20°C/1 year           Synonyms         5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha isoform;caP13K;CLOVE;CWS5;MCAP;MCM:MCMTC;MGC142161;MGC142163; p110 alpha;P110alpha;P10sphatidylinositol 4 5 bisphosphate 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidyli		
Reactivity       Human         Applications       IHC.WB         Sene Name       PIK3CA         Protein Name       5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha; isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;P10alpha;Phosphatidylin         mmunogen       Synthesized peptide derived from human PIK3CA H1047R         Specificity       The antibody can specifically recognize the h1047r mutation of human PIK3CA protein.         Formulation       PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein         Source       Monoclonal Mouse IgG2b, kappa         Purification       The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.         Dilution       IHC-p 1:200-400,WB: 500-1000         Concentration       1 mg/ml         Purify       ≥90%         Storage Stability       -20°C/1 year         Synonyms       5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha         isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol	Catalog No	YP-Ab-15691
Applications         IHC,WB           Sene Name         PIK3CA           Protein Name         5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha; isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;p110alpha;Phosphatidylin           mmunogen         Synthesized peptide derived from human PIK3CA H1047R           Specificity         The antibody can specifically recognize the h1047r mutation of human PIK3CA protein, and does not react with wild-type PIK3CA protein.           Formulation         PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein           Source         Monoclonal Mouse IgG2b, kappa           Purification         The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.           Dilution         IHC, P 1:200-400,WB: 500-1000           Concentration         1 mg/ml           Purify         >90%           Storage Stability         -20°C/1 year           Synonyms         5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bi	Isotype	IgG
Sene Name       PIK3CA         Sene Name       5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha         Protein Name       5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;110alpha;Phosphatidylin         mmunogen       Synthesized peptide derived from human PIK3CA H1047R         Specificity       The antibody can specifically recognize the h1047r mutation of human PIK3CA protein, and does not react with wild-type PIK3CA protein.         Formulation       PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein         Source       Monoclonal Mouse IgG2b, kappa         Purification       The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.         Dilution       IHC-p 1:200-400,WB: 500-1000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha         isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;Phosphatidylinositol 3 kinase catalytic subunit alpha;Phosphatidylinositol 3 kinase catalytic subunit alpha;Phosphatidylinositol 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 b bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 b bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4	Reactivity	Human
S-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase         catalytic subunit alpha         isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;TC;MGC142161;MGC142163;         p110 alpha;P10alpha;Phosphatidylin         mmunogen         Synthesized peptide derived from human PIK3CA H1047R         Specificity       The antibody can specifically recognize the h1047r mutation of human PIK3CA protein.         Formulation       PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein         Source       Monoclonal Mouse IgG2b, kappa         Purification       The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.         Dilution       IHC-p 1:200-400,WB: 500-1000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha         soform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha         soform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphos	Applications	IHC,WB
catalytic subunit alpha isoform.caPI3K:CLOVE;CWS5:MCAP:MCM;MCMTC;MGC142161;MGC142163; p110 alpha;P110alpha;PhosphatidylinmmunogenSynthesized peptide derived from human PIK3CA H1047RSpecificityThe antibody can specifically recognize the h1047r mutation of human PIK3CA protein, and does not react with wild-type PIK3CA protein.FormulationPBS, pH7.2, 0.03% Porcolin 300, containing stabilizing proteinSourceMonoclonal Mouse IgG2b, kappaPurificationThe antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.DilutionIHC-p 1:200-400,WB: 500-1000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonyms5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;P110alpha;Phosphatidylinositol 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Ph	Gene Name	PIK3CA
Specificity       The antibody can specifically recognize the h1047r mutation of human PIK3CA protein.         Formulation       PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein.         Source       Monoclonal Mouse IgG2b, kappa         Purification       The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.         Dilution       IHC-p 1:200-400,WB: 500-1000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha;isoform;caP13K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;p110alpha;Phosphatidylinositol 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4,5 bisphosphate 3 kinase catalytic subunit alph	Protein Name	isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163;
FormulationPBS, pH7.2, 0.03% Porcolin 300, containing stabilizing proteinSourceMonoclonal Mouse IgG2b, kappaPurificationThe antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.DilutionIHC-p 1:200-400,WB: 500-1000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonyms5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha isoform;caPl3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;p110alpha;Phosphatidylinositol 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4,5 bisphosphate 3 kinase catalytic subunit alpha;Pi3-kinase subunit alpha;Pi3K-alpha;Pi3K-A;PiK3C A;PiK3CA;PK3CA;PK3CA_HUMAN;PtdIns 3 kinase p110 subunit alpha;Pi3-kinase subunit alpha;Pi3K-alpha;Pi3KC A;PiK3CA	Immunogen	Synthesized peptide derived from human PIK3CA H1047R
Source       Monoclonal Mouse IgG2b, kappa         Purification       The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.         Dilution       IHC-p 1:200-400,WB: 500-1000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha         isoform;caPl3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;p110alpha;Phosphatidylinositol 3 kinase catalytic alpha         polypeptide;Phosphatidylinositol 3 kinase catalytic subunit alpha         isoform;caPl3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;p110alpha;Phosphatidylinositol 3 kinase catalytic subunit alpha         polypeptide;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4,5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol-4;Phosphatid 3 kinase catalytic subunit alpha;Pl3-kinase subunit alpha;Pl3K-alpha;Pl3K-A;PlK3C         A;Pik3ca;PK3CA;PK3CA;HUMAN;PtdIns 3 kinase p110;PtdIns-3-kinase subunit alpha;Pl3K-alpha;Serine/threonine protein kinase PIK3CA	Specificity	The antibody can specifically recognize the h1047r mutation of human PIK3CA protein, and does not react with wild-type PIK3CA protein.
Purification       The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.         Dilution       IHC-p 1:200-400,WB: 500-1000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha isoform;caPl3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;p110alpha;Phosphatidylinositol 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 3 kinase catalytic subunit alpha isoform;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4,5 bisphosphate 3 kinase p110 kDa catalytic subunit alpha;Phosphatidylinositol 4,5 bisphosphate 3 kinase p110 kDa catalytic subunit alpha;Phosphatidylinositol 4,5 bisphosphate 3 kinase p110 subunit alpha;Pl3-kinase subunit alpha;Pl3K;Pl3K-alpha;Pl3K;CA;PK3CA,PK3	Formulation	PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein
using specific immunogen.DilutionIHC-p 1:200-400,WB: 500-1000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonyms5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;p110alpha;Phosphatidylinositol 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4,5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4,5 bisphosphate 3 kinase catalytic alpha polypeptide;PI 3 Kinase catalytic subunit alpha;PI3K-alpha;PI3K-Alpha;PI3K-CA;PIK3C A;PiK3ca;PK3CA;PK3CA_HUMAN;PtdIns 3 kinase p110;PtdIns-3-kinase subunit alpha;PtdIns-3-kinase subunit p110-alpha;Serine/threonine protein kinase PIK3CA	Source	Monoclonal Mouse IgG2b, kappa
Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha isoform;caPl3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;p110alpha;Phosphatidylinositol 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha isoform;Phosphatidylinositol 4,5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4,5 bisphosphate 3 kinase catalytic alpha polypeptide;Pl 3 Kinase catalytic subunit alpha;Pl3k:nase subunit	Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha         isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;p110alpha;Phosphatidylinositol 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4,5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4,5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol-4;Phosphoinositide 3 kinase catalytic alpha polypeptide;PI 3 Kinase catalytic subunit alpha;PI3 kinase p110 subunit alpha;PI3-kinase subunit alpha;PI3K-alpha;PI3KC A;PIK3C A;PIK3CA;PK3CA;PK3CA;PK3CA,HUMAN;PtdIns 3 kinase p110;PtdIns-3-kinase subunit alpha;PtdIns-3-kinase subunit p110-alpha;Serine/threonine protein kinase PIK3CA	Dilution	IHC-p 1:200-400,WB: 500-1000
Storage Stability       -20°C/1 year         Synonyms       5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;p110alpha;Phosphatidylinositol 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;isoform;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4,5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol-4;Phosphate 3 kinase catalytic alpha polypeptide;PI 3 Kinase catalytic subunit alpha;PI3-kinase subunit alpha;PI3K;PI3K-alpha;PI3KC A;PIK3C         A;Pik3ca;PK3CA;PK3CA_HUMAN;PtdIns 3 kinase p110;PtdIns-3-kinase subunit alpha;PtdIns-3-kinase subunit p110-alpha;Serine/threonine protein kinase PIK3CA	Concentration	1 mg/ml
5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha;5-bisphosphate 3-kinase catalytic subunit alpha isoform;caPl3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;p110alpha;Phosphatidylinositol 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 3 kinase catalytic 110 KD alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha isoform;Phosphatidylinositol 4,5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol-4;Phosphoinositide 3 kinase catalytic alpha polypeptide;PI 3 Kinase catalytic subunit alpha;PI3 kinase p110 subunit alpha;PH3-kinase subunit alpha;PI3K;PI3K-alpha;PI3KC A;PIK3C A;Pik3ca;PK3CA;PK3CA_HUMAN;PtdIns 3 kinase p110;PtdIns-3-kinase subunit alpha;PtdIns-3-kinase subunit p110-alpha;Serine/threonine protein kinase PIK3CA	Purity	≥90%
catalytic subunit alpha isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163; p110 alpha;p110alpha;Phosphatidylinositol 3 kinase catalytic alpha polypeptide;Phosphatidylinositol 3 kinase catalytic 110 KD alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha isoform;Phosphatidylinositol 4,5 bisphosphate 3 kinase catalytic subunit alpha isoform;Phosphatidylinositol-4;Phosphoinositide 3 kinase catalytic alpha polypeptide;PI 3 Kinase catalytic subunit alpha;PI3 kinase p110 subunit alpha;PI3-kinase subunit alpha;PI3K;PI3K-alpha;PI3KC A;PIK3C A;PiK3ca;PK3CA;PK3CA_HUMAN;PtdIns 3 kinase p110;PtdIns-3-kinase subunit alpha;PtdIns-3-kinase subunit p110-alpha;Serine/threonine protein kinase PIK3CA	Storage Stability	-20°C/1 year
	Synonyms	<ul> <li>isoform;caPI3K;CLOVE;CWS5;MCAP;MCM;MCMTC;MGC142161;MGC142163;</li> <li>p110 alpha;p110alpha;Phosphatidylinositol 3 kinase catalytic alpha</li> <li>polypeptide;Phosphatidylinositol 3 kinase catalytic 110 KD</li> <li>alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit</li> <li>alpha;Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha</li> <li>isoform;Phosphatidylinositol 4,5 bisphosphate 3 kinase 110 kDa catalytic subunit</li> <li>alpha;Phosphatidylinositol-4,5 bisphosphate 3 kinase catalytic alpha</li> <li>polypeptide;PI 3 Kinase catalytic subunit alpha;PI3 kinase p110 subunit</li> <li>alpha;PI3-kinase subunit alpha;PI3K;PI3K-alpha;PI3KC A;PIK3C</li> <li>A;Pik3ca;PK3CA;PK3CA_HUMAN;PtdIns 3 kinase p110;PtdIns-3-kinase subunit</li> </ul>
	Observed Band	



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Cell Pathway	Cytoplasmic
Tissue Specificity	Gastric adenocarcinoma with PIK3CA H1047R protein expression
Function	catalytic activity:ATP + 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate = ADP + 1-phosphatidyl-1D-myo-inositol 3,4,5-trisphosphate.,disease:Defects in PIK3CA are associated with breast cancer [MIM:114480].,disease:Defects in PIK3CA are associated with colorectal cancer (CRC) [MIM:114500].,disease:Defects in PIK3CA are associated with ovarian cancer [MIM:167000]. Ovarian cancer is the leading cause of death from gynecologic malignancy. It is characterized by advanced presentation with loco-regional dissemination in the peritoneal cavity and the rare incidence of visceral metastases. These typical features relate to the biology of the disease, which is a principal determinant of outcome.,disease:Defects in PIK3CA may underlie hepatocellular carcinoma (HCC) [MIM:114550].,disease:PI3KCA mutations affecting exons 9 and 20 display gender-and tissue-specific patterns, thus suggesting that the
Background	Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The protein encoded by this gene represents the catalytic subunit, which uses ATP to phosphorylate PtdIns, PtdIns4P and PtdIns(4,5)P2. This gene has been found to be oncogenic and has been implicated in cervical cancers. A pseudogene of this gene has been defined on chromosome 22. [provided by RefSeq, Apr 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

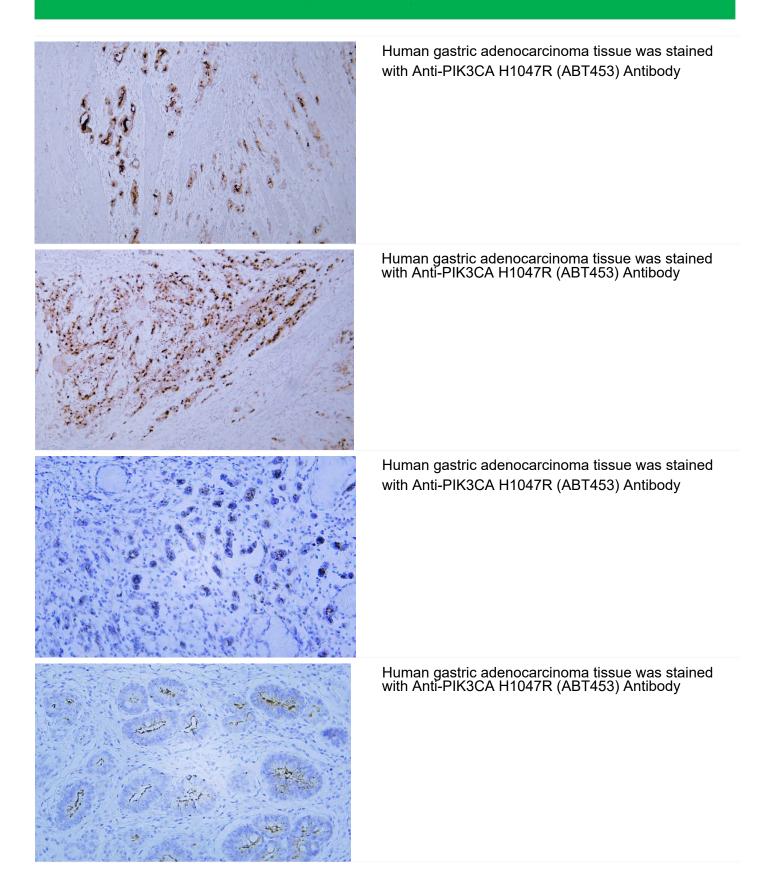


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## **Products Images**

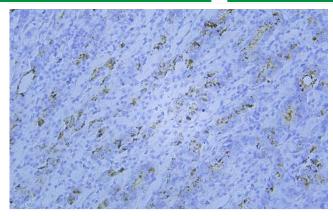




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Human gastric adenocarcinoma tissue was stained with Anti-PIK3CA H1047R (ABT453) Antibody