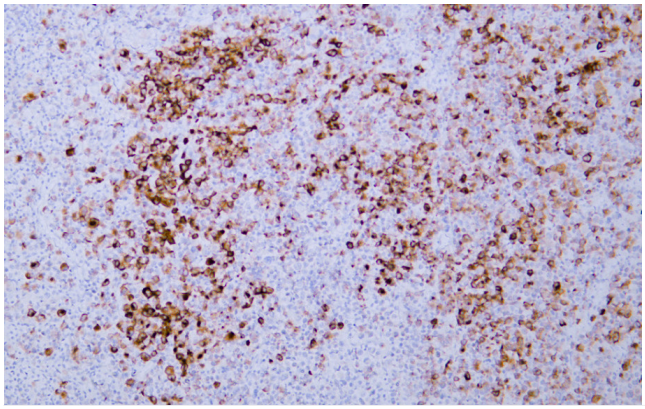
Tyrosinase (ABT242) Mouse mAb

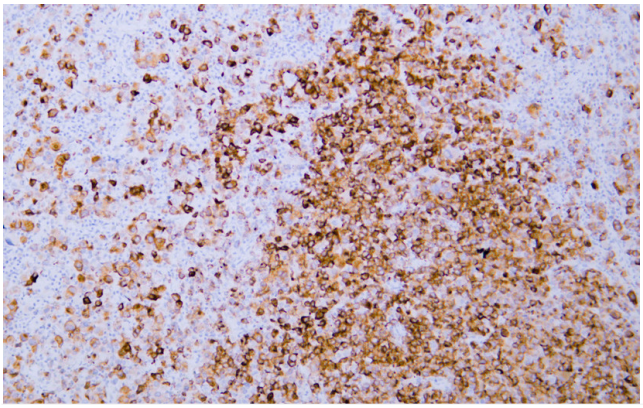
Catalog No	YP-Ab-15681
Isotype	IgG
Reactivity	Human; Predict react with Mouse, Rat
Applications	IHC
Gene Name	TYR
Protein Name	ATN;CMM8;LB24 AB;LB24-AB;Monophenol monooxygenase;OCA1;OCA1A;OCAIA;Oculocutaneous albinism IA;SHEP3;SK29 AB;SK29-AB;Tumor rejection antigen AB;TYR;TYRO_HUMAN;tyrosinase (oculocutaneous albinism IA);Ty
Immunogen	Synthesized peptide derived from human Tyrosinase
Specificity	The antibody can specifically recognize human Tyrosinase protein.
Formulation	PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein
Source	Mouse, Monoclonal/IgG1, Kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:200-400,
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ATN;CMM8;LB24 AB;LB24-AB;Monophenol monooxygenase;OCA1;OCA1A;OCAIA;Oculocutaneous albinism IA;SHEP3;SK29 AB;SK29-AB;Tumor rejection antigen AB;TYR;TYRO_HUMAN;tyrosinase (oculocutaneous albinism IA);Tyrosinase
Observed Band	
Cell Pathway	Cytoplasmic
Tissue Specificity	Skin
Function	catalytic activity:L-tyrosine + L-dopa + O(2) = L-dopa + dopaquinone + H(2)O.,cofactor:Binds 2 copper ions per subunit.,disease:Defects in TYR are the cause of oculocutaneous albinism type I temperature-sensitive (OCA-ITS) [MIM:606952]. OCA-ITS patients have white axillary and scalp hair and pigmented arm and leg hair.,disease:Defects in TYR are the cause of oculocutaneous albinism type IA (OCA-IA) [MIM:203100]. OCA-I, also known as tyrosinase negative oculocutaneous albinism, is an autosomal recessive disorder characterized by absence of pigment in hair, skin and eyes. OCA-I is divided into 2 types: type IA, characterized by complete lack of tyrosinase activity due to production of an inactive enzyme, and type IB characterized by reduced activity of

	tyrosinase. OCA-IA patients presents with the life-long absence of melanin pigment after birth and manifest increased sensitivity to ultrav
Background	tyrosinase(TYR) Homo sapiens The enzyme encoded by this gene catalyzes the first 2 steps, and at least 1 subsequent step, in the conversion of tyrosine to melanin. The enzyme has both tyrosine hydroxylase and dopa oxidase catalytic activities, and requires copper for function. Mutations in this gene result in oculocutaneous albinism, and nonpathologic polymorphisms result in skin pigmentation variation. The human genome contains a pseudogene similar to the 3' half of this gene. [provided by RefSeq, Oct 2008],
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.

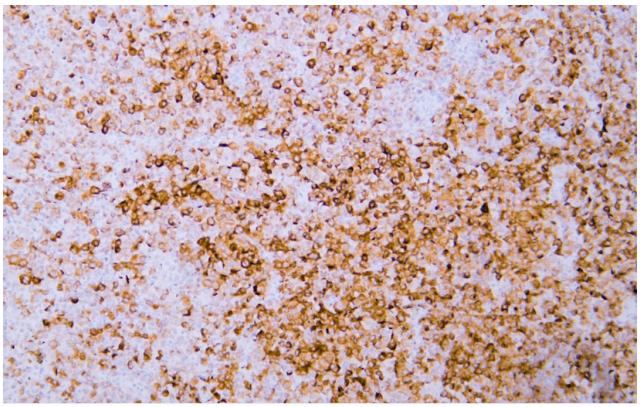
Products Images



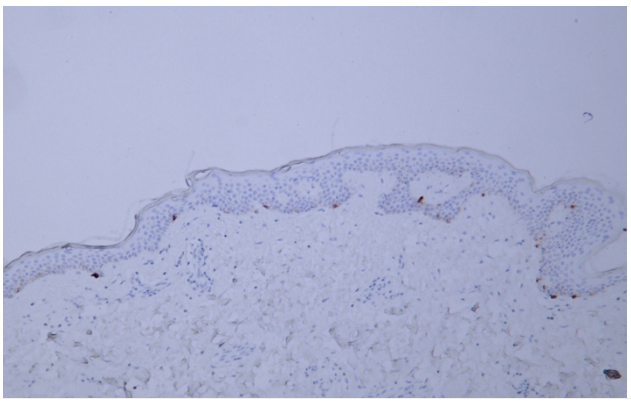
Human malignant mesothelioma tissue was stained with Anti-Tyrosinase (ABT242) Antibody



Human malignant mesothelioma tissue was stained with Anti-Tyrosinase (ABT242) Antibody



Human malignant mesothelioma tissue was stained with Anti-Tyrosinase (ABT242) Antibody



Human skin tissue was stained with Anti-Tyrosinase (ABT242) Antibody