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## FGFR1/2/3/4 (Phospho-Tyr653+Tyr654) rabbit pAb

18 and isoform 19 are not detected in these cells.     Function   catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,disease:A chromosomal aberration involving FGFR1 may be a cause of stem cell leukemia lymphoma syndrome (SCLL). Translocation t(8;13)(p11;q12) with ZMYM2. SCLL usually presents as lymphoblastic lymphoma in association with a myeloproliferative disorder, often accompanied by pronounced peripheral eosinophilia and/or prominent eosinophilic infiltrates in the		
Reactivity Human; Mouse;Rat   Applications WB   Gene Name FGFR1 BFGFR CEK FGFBR FLG FLT2 HBGFR   Protein Name FGFR112/3/4 (Phospho-Tyr653+Tyr654)   Immunogen Synthesized peptide derived from human FGFR1/2/3/4 (Phospho-Tyr653+Tyr654)   Specificity This antibody detects endogenous levels of FGFR1/2/3/4 (Phospho-Tyr653+Tyr654) at Human, Mouse,Rat   Formulation Liquid in PBS containing 50% glycerol, and 0.142% sodium azide.   Source Polyclonal, Rabbit,IgG   Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.   Dilution WB 1:500-2000   Concentration 1 mg/ml   Purify ≥90%   Storage Stability -20°C/1 year   Synonyms Fibroblast growth factor receptor 1 (FGFR-1) (EC 2.7.10.1) (Basic fibroblast growth factor receptor 1) (BFGFR) (bFG-R-1) (Fms-like tyrosine kinase 2) (FLT-2) (N-sam) (Proto-oncogene c-Fgr) (CD antigen CD331)   Observed Band Cell membrane; Single-pass type 1 membrane protein. Nucleus. Cytoplasm, cytosol, Cytoplasmic versile. After ligand binding, both receptor and ligand are rapidly internalized. Can translocate to the nucleus after internalization, or by translocation from the endoplasmic reticulum or Golgi apparatus to the cytosol, and from there to the nucleus.   Tissue Specificity Detected in astrocytoma, neuroblast cell lines, however isoform 17, isoform 18 and isoform 18 arent detected in these cells.   Fun	Catalog No	YP-Ab-10486
Applications     WB       Gene Name     FGFR1 BFGFR CEK FGFBR FLG FLT2 HBGFR       Protein Name     FGFR1/2/3/4 (Phospho-Tyr653+Tyr654)       Immunogen     Synthesized peptide derived from human FGFR1/2/3/4 (Phospho-Tyr653+Tyr654)       Specificity     This antibody detects endogenous levels of FGFR1/2/3/4 (Phospho-Tyr653+Tyr654) at Human, Mouse,Rat       Formulation     Liquid in PBS containing 50% glycerol, and 0.142% sodium azide.       Source     Polycional, Rabbil,IgG       Purification     The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.       Dilution     WB 1:500-2000       Concentration     1 mg/ml       Purity     ≥90%       Storage Stability     -20°C/1 year       Synonyms     Fibroblast growth factor receptor 1 (FGFR-1) (EC 2.7.10.1) (Basic fibroblast growth factor receptor 1) (BFGFR) (bFGF-R-1) (Fms-like tyrosine kinase 2) (FLT-2) (N-sam) (Proto-oncogene c-Fgr) (CD antigen CD331)       Observed Band     Cell membrane; Single-pass type I membrane protein. Nucleus, Cytoplasmic versice. After Ilgand binding, both receptor and Ilgand are rapidly internalized. Can translocate to the nucleus after internalization, or by translocation from the endoplasmic retuculum or Golgi apparatus to the cytosol, and from there to the nucleus after internalization, or by translocation from the endoplasmic retuculum or Golgi apparatus to the cytosol, and from there to the nucleus	Isotype	IgG
Gene Name   FGFR1 BFGFR CEK FGFBR FLG FLT2 HBGFR     Protein Name   FGFR1/2/3/4 (Phospho-Tyr653+Tyr654)     Immunogen   Synthesized peptide derived from human FGFR1/2/3/4 (Phospho-Tyr653+Tyr654)     Specificity   This antibody detects endogenous levels of FGFR1/2/3/4 (Phospho-Tyr653+Tyr654) at Human, Mouse,Rat     Formulation   Liquid in PBS containing 50% glycerol, and 0.142% sodium azide.     Source   Polyclonal, Rabbit,IgG     Purification   The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.     Dilution   WB 1:500-2000     Concentration   1 mg/ml     Purity   ≥90%     Storage Stability   -20°C/1 year     Synonyms   Fibroblast growth factor receptor 1 (FGFR-1) (EC 2.7.10.1) (Basic fibroblast growth factor receptor 1) (BFGFR) (bFGF-R-1) (Fms-like tyrosine kinase 2) (FLT-2) (N-sam) (Proto-oncogene c-Fgr) (CD antigen CD331)     Observed Band   Cell membrane; Single-pass type I membrane protein. Nucleus. Cytoplasm, cytosol. Cytoplasmic vesicle. After ligand binding, both receptor and ligand are rapidly internalized. Can translocate to the nucleus after internalization, or by translocation from the endoplasmic reticulum or Golgi apparatus to the cytosol, and from there to the nucleus.     Tissue Specificity   Detected in storcytoma, neuroblastoma and adrenal cortex cell lines. Some isoform 17, isoform 18 and isoform 19 are not detected in foreskin fibroblast cell line	Reactivity	Human; Mouse;Rat
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	t(6;8)(q27;p11) with FGFR1OP. Insertion ins(12;8)(p11;p11p22) with FGFR1OP2. MPD is characterized by myeloid hyperplasia, eosinophilia and T-cell or B-cell lymphoblastic lymphoma. In general it progresses to acute myeloid leukemia. The fusion proteins FGFR1OP2-FGFR1, FGFR1OP-FGFR1 or FGFR1-FGFR1OP may
Background	The protein encoded by this gene is a member of the fibroblast growth factor receptor (FGFR) family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein consists of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member binds both acidic and basic fibroblast growth factors and is involved in limb induction. Mutations in this gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome,
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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