VEGF Receptor 2 (phospho-Tyr1175) rabbit pAb

Catalog No	YP-Ab-13119
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	KDR FLK1 VEGFR2
Protein Name	VEGF Receptor 2 (Tyr1175)
Immunogen	Synthesized phosho peptide around human VEGF Receptor 2 (Tyr1175)
Specificity	This antibody detects endogenous levels of Human Mouse VEGF Receptor 2 (phospho-Tyr1175)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Vascular endothelial growth factor receptor 2 (VEGFR-2) (EC 2.7.10.1) (Fetal liver kinase 1) (FLK-1) (Kinase insert domain receptor) (KDR) (Protein-tyrosine kinase receptor flk-1) (CD antigen CD309)
Observed Band	150
Cell Pathway	Cell junction . Endoplasmic reticulum . Cell membrane . Localized with RAP1A at cell-cell junctions (By similarity). Colocalizes with ERN1 and XBP1 in the endoplasmic reticulum in endothelial cells in a vascular endothelial growth factor (VEGF)-dependent manner (PubMed:23529610). .; [Isoform 1]: Cell membrane; Single-pass type I membrane protein. Cytoplasm. Nucleus. Cytoplasmic vesicle. Early endosome. Detected on caveolae-enriched lipid rafts at the cell surface. Is recycled from the plasma membrane to endosomes and back again. Phosphorylation triggered by VEGFA binding promotes internalization and subsequent degradation. VEGFA binding triggers internalization and translocation to the nucleus.; [Isoform 2]: Secreted .; [Isoform 3]: Secreted.
Tissue Specificity	Detected in cornea (at protein level). Widely expressed.
Function	
Background	

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