

Datasheet for ABIN3028780

anti-VEGFR2/CD309 antibody (pTyr996)[Go to Product page](#)**3** Images

Overview

Quantity:	0.4 mL
Target:	VEGFR2/CD309 (VEGFR2)
Binding Specificity:	pTyr996
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VEGFR2/CD309 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	This phospho-KDR antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pY996 of human KDR/FLK1.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	VEGFR2/CD309 (VEGFR2)
Alternative Name:	KDR (VEGFR2 Products)
Background:	KDR (FLK1) is a receptor for VEGF or VEGFC. This protein has a tyrosine-protein kinase activity. The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development

Target Details

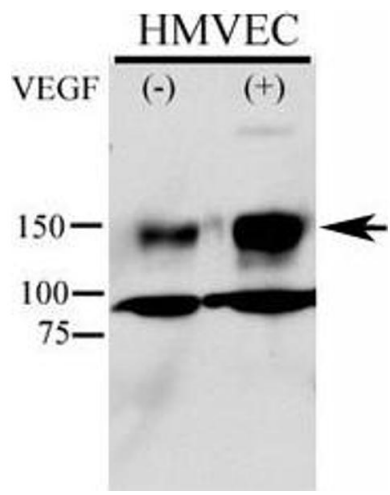
and regulation of vascular permeability.

UniProt:	P35968
Pathways:	RTK Signaling , Glycosaminoglycan Metabolic Process , Signaling Events mediated by VEGFR1 and VEGFR2 , Growth Factor Binding , Regulation of long-term Neuronal Synaptic Plasticity , VEGF Signaling

Application Details

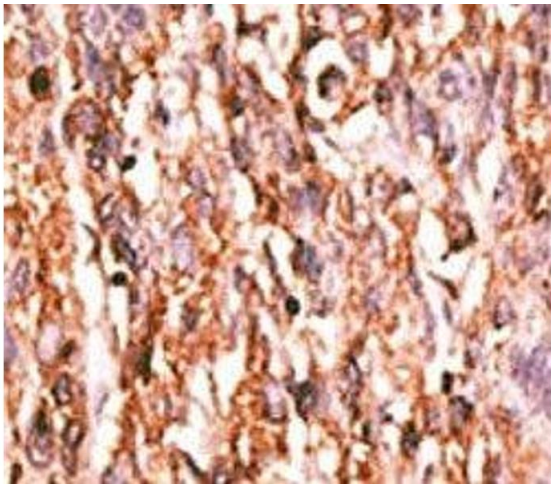
Application Notes:	Titration of the phospho-KDR antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the phospho-KDR antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



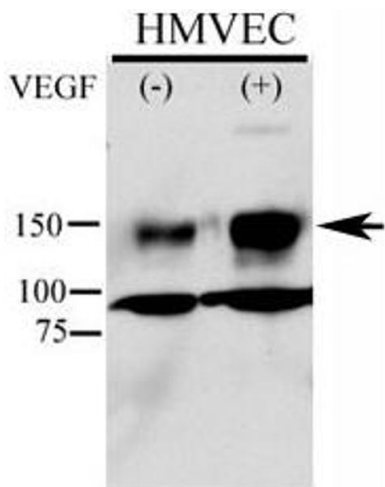
Western Blotting

Image 1. Phospho-KDR antibody used in western blot to detect phosphorylated KDR/FLK1 in HMVEC lysate. Endothelial cells were stimulated with 50ug/ml VEGF for 5min and Ab used at 1:500. Predicted molecular weight ~ 152 kDa.



Immunohistochemistry

Image 2. IHC analysis of FFPE human hepatocarcinoma tissue stained with the phospho-KDR antibody.



Western Blotting

Image 3. Phospho-KDR antibody used in western blot to detect phosphorylated KDR/FLK1 in HMVEC lysate. Endothelial cells were stimulated with 50ug/ml VEGF for 5min and Ab used at 1:500. Predicted molecular weight ~ 152 kDa.