

anti- Phospho-VEGF Receptor 2(Y1175) antibody

Product Information

Catalog No.:	FNab09964
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

KDR, also named as VEGFR-2, FLK1 and CD309, is a receptor for VEGF or VEGFC. KDR which belongs to the protein kinase superfamily, has a tyrosine-protein kinase activity. The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development and regulation of vascular permeability. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions. KDR functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. Mutations of this gene are implicated in infantile capillary hemangiomas.

Immunogen information

Immunogen:	A phospho specific peptide corresponding to residues surrounding Y1175 of human VEGF Receptor 2
Synonyms:	CD309, Fetal liver kinase 1, FLK 1, FLK1, KDR, Kinase insert domain receptor, VEGF Receptor 2, VEGFR, VEGFR 2, VEGFR2
Observed MW:	250 kDa
Uniprot ID :	P35968

Application

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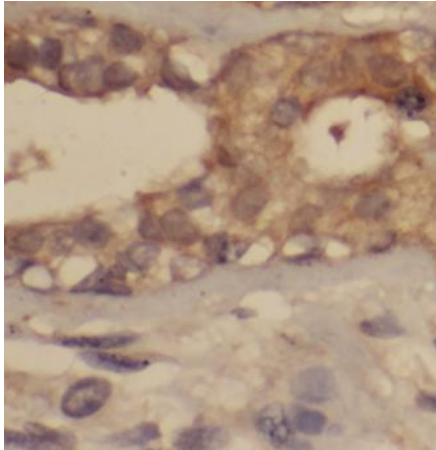
www.fn-test.com

Reactivity: Human, Mouse, Rat

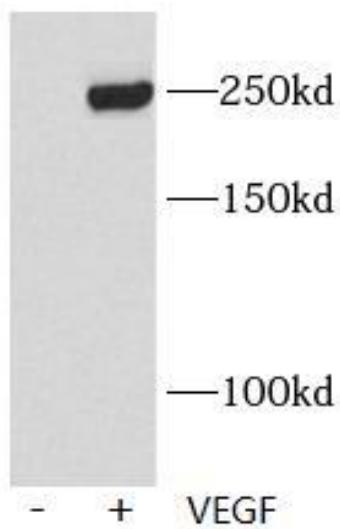
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:1000; IHC: 1:50 - 1:100

Image:



Immunohistochemistry of paraffin-embedded human breast carcinoma tissue slide using FNab09964 at dilution of 1:50



HUVE cells were subjected to SDS PAGE followed by western blot with FNab09964 at dilution of 1:600