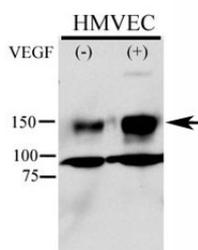


Phospho-KDR Antibody / VEGFR2 (pY996) (F48399)

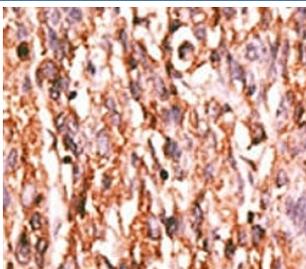
Catalog No.	Formulation	Size
F48399-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48399-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P35968
Localization	Cytoplasmic and cell surface
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
Limitations	This phospho-KDR antibody is available for research use only.



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 (immature), 180-200 kDa (intermediate) and 220-230 kDa (mature).



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

Description

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 and regulation of vascular permeability.

Application Notes

Titration of the phospho-KDR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

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.

Storage

Aliquot the phospho-KDR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.