

VEGFR2 Antibody [clone KDR-1] (R30035)

Catalog No.	Formulation	Size
R30035	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	KDR-1
Purity	Unpurified ascites
Gene ID	3791
Localization	Cytoplasmic and cell surface
Applications	IHC (Frozen) : 1-2ug/ml; formalin or acetone fixed tissues
Limitations	This VEGFR2 antibody is available for research use only.



Description

VEGF, a homodimeric glycoprotein of relative molecular mass 45,000, is the only mitogen that specifically acts on endothelial cells. The importance of VEGF and its receptor system in tumor growth and intervention in this system may provide promising approaches to cancer therapy. VEGF receptor 2 is a member of a receptor tyrosine kinase family. Like other growth factor receptors, upon ligand binding VEGF receptor 2 dimerises and is autophosphorylated on multiple

tyrosine residues.

Application Notes

The stated application concentrations are suggested starting points. Titration of the VEGFR2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Recombinant human extracellular domain of VEGFR-2(KDR) was used as the immunogen for this VEGFR2 antibody.

Storage

After reconstitution, the VEGFR2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.