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39-1035: Anti-VEGFR2 Monoclonal Antibody (Clone: KDR-1)

Clonality :	Monoclonal
Clone Name :	KDR-1
Application :	IHC-F
Reactivity :	Human
Gene :	Kdr
Gene ID :	25589
Uniprot ID :	O08775
Alternative Name :	Vascular endothelial growth factor receptor 2; VEGFR-2; 2.7.10.1; Fetal liver kinase 1; FLK-1; Protein-tyrosine kinase receptor flk-1; CD309; Kdr; Flk1
Isotype :	Mouse IgG1
Immunogen Information :	Recombinant human extracellular domain of VEGFR-2(KDR).

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.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Immunohistochemistry(Frozen Section) : 1-2Ã□Â¼g/ml