



Mouse monoclonal antibody to Vascular endothelial growth factor receptor 2 [FLK-6]: IgG

Catalogue No.:	M-1183-100
Description:	Vascular endothelial growth factor (VEGF) receptor 2 is a type III receptor tyrosine kinase. As a receptor for VEGF, it mediates VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Recombinant human extracellular domain of Vascular endothelial growth factor receptor 2
Other Names:	VEGFR-2; Kinase insert domain receptor; Protein-tyrosine kinase receptor Flk-1; CD309; KDR; FLK1;
Accession:	P35968 VGFR2_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5-1.0 ug/mL is recommended for WB. Human VEGF receptor 2 has a predicted length of 1,356 residues and MW of 152 kDa. A concentration of 1.0-2.0 ug/mL is recommended to detect the protein in formalin/acetone fixed frozen tissues.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN ₃
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

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