

# **VEGF-R1 / FLT-1 Antibody**

Mouse Monoclonal Antibody [Clone FLT1/1663]

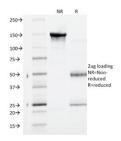
Catalog No	Format	Size
2321-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2321-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2321-MSM3-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details		
Clone	FLT1/1663	
Gene Name	FLT1	
Immunogen	Recombinant human VEGF-R1 protein	
Host	Mouse	
Clonality	Monoclonal	
Isotype / Light Chain	IgG1 / Kappa	
Mol. Weight of Antigen	150-180kDa	
Cellular Localization	Cell membrane, Cytoplasm, Endosome, Secreted	
Species Reactivity	Human	
Positive Control	293FT or A431cells. Human cerebellum or skin cancer.	

<sup>\*</sup>Optimal dilution for a specific application should be determined.

### Product Images for VEGF-R1 / FLT-1 Antibody



SDS-PAGE Analysis of Purified VEGF-R1 Mouse Monoclonal Antibody (FLT1/1663). Confirmation of Integrity and Purity of Antibody.

## **Specificity & Comments**

Three cell membrane receptor tyrosine kinases, Flt-1 (also designated VEGF-R1), Flk-1 (also designated VEGF-R2) and Flt-4, putatively involved in the growth of endothelial cells, are characterized by the presence of seven immunoglobulin-like sequences in their extracellular domain. These receptors exhibit high degrees of sequence relatedness to each other as well as lesser degrees of relatedness to the class III receptors including CSF-1/Fms, PDGR, SLFR/Kit and Flt-3/Flk-2. Two members of this receptor class, Flt-1 and Flk-1, have been shown to represent high affinity receptors for vascular endothelial growth factors (VEGFs). On the basis of structural similarity to Flt-1 and Flk-1, it has been speculated that Flt-4 might represent a third receptor for either VEGF or a VEGF-related ligand.

### **Supplied As**

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

#### **Research Areas**

AKT Signaling, Angiogenesis, Cardiovascular, Endothelial Cell Marker, Signal Transduction



## **Limitations and Warranty**

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

