

Anti-VEGF Receptor 1 Antibody [FLT1/1663] (A277611)

Specifications:

Name:	Anti-VEGF Receptor 1 Antibody [FLT1/1663]
Description:	Mouse monoclonal [FLT1/1663] antibody to VEGF Receptor 1.
Specificity:	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.
Applications:	Flow Cytometry, IF, Functional Studies
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant full-length human VEGF-R1 protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	FLT1/1663
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-VEGF Receptor 1 Antibody [FLT1/1663] - BSA and Azide free (A278199).

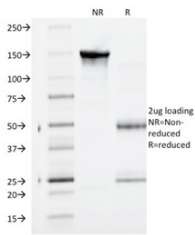
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Specifications continued:

Disclaimer:

This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



SDS-PAGE analysis of Anti-VEGF Receptor 1 Antibody [FLT1/1663] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.