

## VEGF Receptor 1 Conjugated Antibody

Catalog No: #C48718



Package Size: #C48718-AF350 100ul #C48718-AF405 100ul #C48718-AF488 100ul  
 #C48718-AF555 100ul #C48718-AF594 100ul #C48718-AF647 100ul  
 #C48718-AF680 100ul #C48718-AF750 100ul #C48718-Biotin 100ul

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## Description

Product Name	VEGF Receptor 1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SY09-09
Purification	ProA affinity purified
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	EC 2.7.10.1 antibody FLT 1 antibody FLT antibody Flt-1 antibody FLT1 antibody Fms like tyrosine kinase 1 antibody Fms related tyrosine kinase 1 antibody Fms related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor) antibody Fms related tyrosine kinase 1 vascular endothelial growth factor/vascular permeability factor receptor antibody Fms-like tyrosine kinase 1 antibody FRT antibody Soluble VEGF receptor 1 14 antibody Soluble VEGFR1 variant 2 antibody Soluble VEGFR1 variant 21 antibody Tyrosine protein kinase FRT antibody Tyrosine protein kinase receptor FLT antibody Tyrosine-protein kinase FRT antibody Tyrosine-protein kinase receptor FLT antibody Vascular endothelial growth factor receptor 1 antibody Vascular endothelial growth factor vascular permeability factor receptor antibody Vascular permeability factor receptor 1 antibody Vascular permeability factor receptor antibody VEGFR 1 antibody VEGFR-1 antibody VEGFR1 antibody VGFR1_HUMAN antibody
Accession No.	Swiss-Prot#:P17948
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	151 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

## Background

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Three cell membrane receptor tyrosine kinases, Flt (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 and Flk-1, it has been speculated that Flt-4 might represent a third receptor for either VEGF or a VEGF-related ligand.

## References

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Note: This product is for in vitro research use only