

KDR / VEGFR-2 Conjugated Antibody

Catalog No: #C48311



Package Size: #C48311-AF350 100ul #C48311-AF405 100ul #C48311-AF488 100ul
 #C48311-AF555 100ul #C48311-AF594 100ul #C48311-AF647 100ul
 #C48311-AF680 100ul #C48311-AF750 100ul #C48311-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	KDR / VEGFR-2 Conjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Amino acids 1158-1345 mapping at the C-terminus of the Flk-1 of mouse origin.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD309 antibody CD309 antigen antibody EC 2.7.10.1 antibody Fetal liver kinase 1 antibody FLK-1 antibody FLK1 antibody FLK1, mouse, homolog of antibody Kdr antibody Kinase insert domain receptor (a type III receptor tyrosine kinase) antibody Kinase insert domain receptor antibody KRD1 antibody Ly73 antibody Protein tyrosine kinase receptor FLK1 antibody Protein-tyrosine kinase receptor flk-1 antibody soluble VEGFR2 antibody Tyrosine kinase growth factor receptor antibody Vascular endothelial growth factor receptor 2 antibody VEGFR 2 antibody VEGFR antibody VEGFR-2 antibody VEGFR2 antibody VGFR2_HUMAN antibody
Accession No.	Swiss-Prot#:P35968
Uniprot	P35968
GeneID	3791;
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	200kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

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 immunoglobulinlike 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.

Note: This product is for in vitro research use only