VEGFR2 (Ab-1059) Conjugated Antibody

Catalog No: #C21531

Package Size: #C21531-AF350 100ul #C21531-AF405 100ul #C21531-AF488 100ul #C21531-AF555 100ul #C21531-AF594 100ul #C21531-AF647 100ul #C21531-AF680 100ul #C21531-AF750 100ul #C21531-Biotin 100ul

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Description

Product Name	VEGFR2 (Ab-1059) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total VEGFR2 protein.
Immunogen Description	Peptide sequence around aa. 1057~1061 (P-D-Y-V-R) derived from Human VEGFR2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	FLK1;KDR;VGFR2;VGR2;kinase insert domain receptor
Accession No.	Swiss-Prot#:P35968NCBI Gene ID:3791NCBI mRNA#:NM_002253.2NCBI Protein#:NP_002244.1
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	210 230
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

Product Description

Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Background

Receptor for VEGF or VEGFC. Has a tyrosine-protein kinase activity. The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development and regulation of vascular permeability. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions

Note: This product is for in vitro research use only