VEGFR2 (Phospho-Tyr951) Conjugated Antibody

Catalog No: #C11086

Package Size: #C11086-AF350 100ul #C11086-AF405 100ul #C11086-AF488 100ul #C11086-AF555 100ul #C11086-AF594 100ul #C11086-AF647 100ul #C11086-AF680 100ul #C11086-AF750 100ul #C11086-Biotin 100ul

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Description

Product Name	VEGFR2 (Phospho-Tyr951) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of VEGFR2 only when phosphorylated at tyrosine 951.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 951 (K-D-Y(p)-V-G) 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_002253.2 NCBI 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	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 phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

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