

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human VEGFR1/Flt-1 when phosphorylated at Y1213.
Source	Polyclonal Rabbit IgG
Purification	Antigen Affinity-purified
Immunogen	Phosphopeptide containing human VEGFR1/Flt-1 Y1213 site
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

VEGFR1, also known as Flt-1, is a receptor tyrosine kinase that contains seven Ig-like repeats in its extracellular domain, a single transmembrane region, and a kinase domain in the intracellular region. Ligand binding induces autophosphorylation on multiple intracellular tyrosine residues. Y1213 is a major binding site for PI3K, Nck, and SHP-2.

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