

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human VEGF-C in direct ELISAs and Western blots. In direct ELISAs, this antibody does not cross-react with recombinant human (rh) PDGF-AA, rhPDGF-BB, rhPIGF, rhVEGF ₁₆₅ , rhVEGF ₂₀₆ , rhVEGF-B ₁₆₆ , or rhVEGF-D.
Source	Monoclonal Mouse IgG _{2B} Clone # 193208
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human VEGF-C Thr103-Arg227 (Cys156Ser) Accession # Q6FH59
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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.
ELISA	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

Vascular Endothelial Growth Factor C (VEGF-C) is a member of the VEGF family of secreted growth factors. The VHD form homodimers after proteolytic removal of the N- and C-terminal pro regions. VEGF-C promotes angiogenesis and lymphangiogenesis through interactions with VEGF R2 and VEGF R3.

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