

DESCRIPTION

Species Reactivity	Human
Specificity	Detects the human PDGF-B subunit in direct ELISAs and Western blots. In Western blots, shows 50-100% cross-reactivity with recombinant human (rh) PDGF-AB and rPDGF-BB but no cross-reactivity with rhCTGF, rhPIGF, rhVEGF-B ₁₆₆ , rhVEGF-C, or rhVEG
Source	Monoclonal Mouse IgG ₁ Clone # 108128
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human PDGF-BB Ser82-Thr190 Accession # P01127
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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.

ELISA Capture (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
ELISA Detection (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
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

Four PDGF family members, A, B, C and D, have been identified. PDGF-B can exist as a disulfide-linked homodimer (PDGF-BB) or heterodimer (PDGF-AB). PDGF-B binds and activates PDGF R α and PDGF R β .

PRODUCT SPECIFIC NOTICES

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