

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human PDGF-B subunit in direct ELISAs and Western blots. In direct ELISAs and Western blots, this antibody shows approximately 100% cross-reactivity with recombinant human (rh) PDGF-AB and recombinant rat PDGF-BB, 15% cross-reactivity with rh
Source	Monoclonal Mouse IgG _{2B} Clone # 108104
Purification	Protein A or G purified from ascites
Immunogen	<i>E. coli</i> -derived recombinant human PDGF-BB Ser82-Thr190 Accession # P01127
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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

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 .

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