



## Anti-Human PDGF-BB (MAB)

Synonyms: Platelet-derived growth factor-BB

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

Size	Order#	Lot#	Expiry Date
100 µg	1802.650.100		
Please enquire for bulk quantities and other vial sizes.			

### Description

PDGFs are disulfide-linked dimers consisting of two 12.0-13.5 kDa polypeptide chains, designated PDGF-A and PDGF-B chains. The three naturally occurring PDGFs; PDGF-AA, PDGF-BB and PDGF-AB, are potent mitogens for a variety of cell types including smooth muscle cells, connective tissue cells, bone and cartilage cells, and some blood cells. The PDGFs are stored in platelet α-granules and are released upon platelet activation. The PDGFs are involved in a number of biological processes, including hyperplasia, chemotaxis, embryonic neuron development, and respiratory tubule epithelial cell development. Two distinct signaling receptors used by PDGFs have been identified and named PDGFR-α and PDGFR-β. PDGFR-α is high-affinity receptor for each of the three PDGF forms. On the other hand, PDGFR-β interacts with only PDGF-BB and PDGF-AB. Recombinant human PDGF-BB is a 24.3 kDa disulfide-linked homodimer of two B chains (218 total amino acids).

- **Source** Mouse
- **Isotype** IgG2
- **Clone** AB-6 G77

### Biological Activity

WB: 1:1000; IHC: 1:50-200

### Reconstitution

Reconstitute the antibody with 500 µl sterile PBS and the final concentration is 200 µg/ml.

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

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\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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