

**Anti-PDGFB Reference Antibody (MOR-8457)**  
**Recombinant Antibody**  
**Catalog # APR11008**

**Specification**

**Anti-PDGFB Reference Antibody (MOR-8457) - Product Information**

Application	FC, Kinetics, Animal Model
Primary Accession	<a href="#">P01127</a>
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145 KDa

**Anti-PDGFB Reference Antibody (MOR-8457) - Additional Information**

**Target/Specificity**  
PDGFB

**Endotoxin**  
< 0.001EU/ µg, determined by LAL method.

**Conjugation**  
Unconjugated

**Expression system**  
CHO Cell

**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

**Anti-PDGFB Reference Antibody (MOR-8457) - Protein Information**

**Name** PDGFB

**Synonyms** PDGF2, SIS

**Function**  
Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin (PubMed: <http://www.uniprot.org/citations/26599395> target="\_blank">26599395). Required for normal proliferation and recruitment of pericytes and vascular smooth muscle cells in the central nervous system, skin, lung, heart and placenta. Required for normal blood vessel development, and for normal development of kidney glomeruli. Plays an important role in wound healing. Signaling is modulated by the formation of heterodimers with PDGFA (By similarity).

**Cellular Location**

Secreted. Note=Released by platelets upon wounding

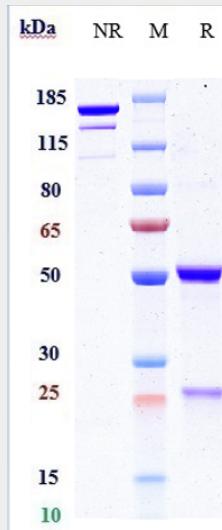
**Tissue Location**

Expressed at high levels in the heart, brain (sustantia nigra), placenta and fetal kidney. Expressed at moderate levels in the brain (hippocampus), skeletal muscle, kidney and lung

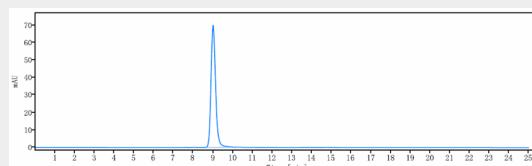
**Anti-PDGFB Reference Antibody (MOR-8457) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-PDGFB Reference Antibody (MOR-8457) - Images**

Anti-PDGFB Reference Antibody (MOR-8457) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-PDGFB Reference Antibody (MOR-8457) is more than 95% ,determined by SEC-HPLC.