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Anti-PDGFB Reference Antibody (MOR-8457)

Recombinant Antibody
Catalog # APR11008

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P01127
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	27283

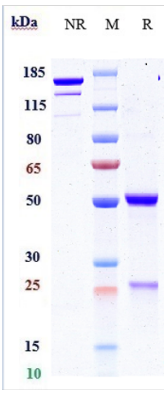
Additional Information

Target/Specificity	PDGFB
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

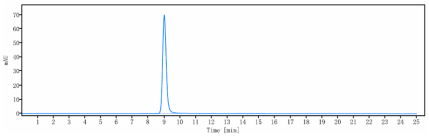
Protein Information

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: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

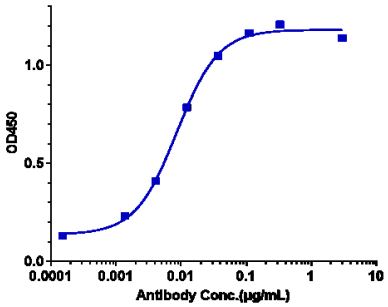
Images



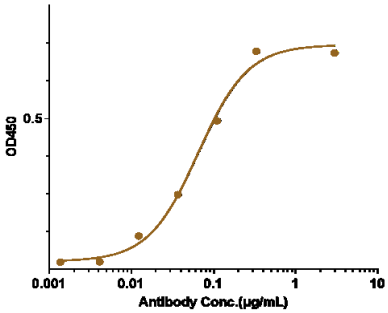
Anti-PDGFB Reference Antibody (MOR-8457) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.



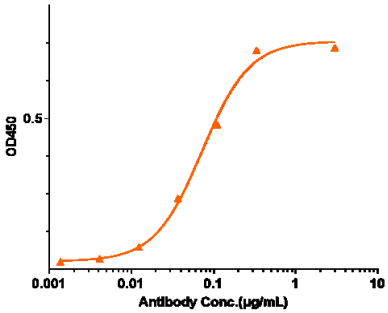
The purity of Anti-PDGFB Reference Antibody (MOR-8457) is more than 95%, determined by SEC-HPLC.



Immobilized Mouse PDGFB, His Tag at 2 μg/mL can bind Anti-PDGFB Reference Antibody (MOR-8457), The EC50 was approximately 0.008642 ug/ml.



Immobilized Cynomolgus / Rhesus Macaque PDGFB, Fc Tag at 2 μg/mL can bind Anti-PDGFB Reference Antibody (MOR-8457), The EC50 was approximately 0.06539 ug/ml.



Immobilized Human PDGFB, Fc Tag at 2 μg/mL can bind Anti-PDGFB Reference Antibody (MOR-8457), The EC50 was approximately 0.07279 ug/ml.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.