

# PDGFD rabbit monoclonal antibody

Catalog # H00080310-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human PDGFD peptide using ARM Technology.
Immunogen	A synthetic peptide of human PDGFD is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PDGFD peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — PDGFD

Entrez GeneID	<a href="#">80310</a>
GeneBank Accession#	<a href="#">PDGFD</a>
Gene Name	PDGFD
Gene Alias	IEGF, MGC26867, MSTP036, SCDGF-B, SCDGFB
Gene Description	platelet derived growth factor D
Omim ID	<a href="#">609673</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a core motif of eight cysteines, seven of which are found in this factor. This gene product only forms homodimers and, therefore, does not dimerize with the other three family members. It differs from alpha and beta members of this family in having an unusual N-terminal domain, the CUB domain. Two splice variants have been identified for this gene. [provided by RefSeq]
Other Designations	iris-expressed growth factor spinal cord derived growth factor B spinal cord-derived growth factor-B

## Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Focal adhesion](#)
- [Gap junction](#)
- [Melanoma](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)

## Disease

- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Diseases](#)
- [Hypertension](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)