

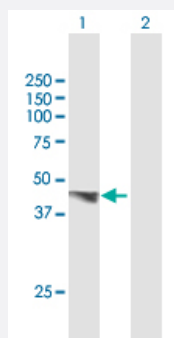
MaxPab®

PDGFD purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00080310-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PDGFD expression in transfected 293T cell line ([H00080310-T01](#)) by PDGFD MaxPab polyclonal antibody.

Lane 1: PDGFD transfected lysate(40.04 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PDGFD protein.

Immunogen

PDGFD (NP_149126.1, 1 a.a. ~ 364 a.a) full-length human protein.

Sequence

MHRLIFVYTLICANFCSCRDTSATPQSASIKALRNANLRRDDLRRDETIQVKGNGYVQSPRFPNSY
PRNLLLTWRLHSQENTRIQLVFDNQFGLLEEAENDICRYDFVEVEDISETSTIIRGRWCGHKEVPPRI
KSRTNQKITFKSDDYFVAKPGFKIYSLLEDFQPAAASETNWESVTSSISGVSYNSPSVTDPTLIAD
ALDKKIAEFDTVEDLLKYFNPESWQEDLENMYLDTPRYRGRSYHDRKSKVDLDRNLNDDAKRYSC
TPRNYSVNIREELKLANVVFPRCLLVQRCGGNCGCGTVNWRSCNCSGKTVKKYHEVLQFEPG
HIKRRGRAKTMALVDIQLDHHERCDCICSSRPPR

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — PDGFD

Entrez GeneID [80310](#)

GeneBank Accession# [NM_033135.3](#)

Protein Accession# [NP_149126.1](#)

Gene Name PDGFD

Gene Alias IEGF, MGC26867, MSTP036, SCDGF-B, SCDGFB

Gene Description platelet derived growth factor D

Omim ID [609673](#)

Gene Ontology [Hyperlink](#)

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](#)