

Product Information

Recombinant Anti-Human pgf Antibody Fab Fragment

Cat. No.: **MOM-18602-F(P)**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment binds selectively to Human PGF, expressed in E. coli

Antigen Description

Growth factor active in angiogenesis and endothelial cell growth, stimulating their proliferation and migration. It binds to the receptor FLT1/VEGFR-1. Isoform PIGF-2 binds NRP1/neuropilin-1 and NRP2/neuropilin-2 in a heparin-dependent manner.

Specific Activity

Tested positive against native antigen.

Target

PGF

Immunogen

The details of the immunogen for this antibody are not available.

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

Purity

>95.0% as determined by analysis by SDS-PAGE.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing of samples.

ANTIGEN GENE INFORMATION

Gene Name

[PGF placental growth factor \[Homo sapiens \]](#)

Official Symbol

PGF

Synonyms

PGF; placental growth factor; PGFL, placental growth factor, vascular endothelial growth factor related protein , placental growth factor like; placenta growth factor; D12S1900; PIGF; PLGF; PIGF 2; SHGC 10760; placental growth factor-like; placental growth factor, vascular endothelial growth factor-related protein; PGFL; PIGF-2; SHGC-10760;

Gene ID

[5228](#)

mRNA Refseq

[NM_001207012](#)

Protein Refseq

[NP_001193941](#)

MIM

[601121](#)

UniProt ID

P49763

Chromosome Location

14q24.3

Pathway

Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; Pancreatic cancer, organism-specific biosystem; Pancreatic cancer, conserved biosystem;

Function

growth factor activity; heparin binding;