

Anti-PLGF Rabbit Monoclonal Antibody
Catalog # ABO15194**Specification**

Anti-PLGF Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	P49763
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-PLGF Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Anti-PLGF Rabbit Monoclonal Antibody - Additional Information

Gene ID 5228

Other Names

Placenta growth factor, PIGF, PGF, PGFL, PLGF

Application Details

WB 1:500-1:2000

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human PLGF

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-PLGF Rabbit Monoclonal Antibody - Protein Information

Name PGF

Synonyms PGFL, PLGF

Function

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

Cellular Location

Secreted. Note=The three isoforms are secreted but PlGF-2 appears to remain cell attached unless released by heparin

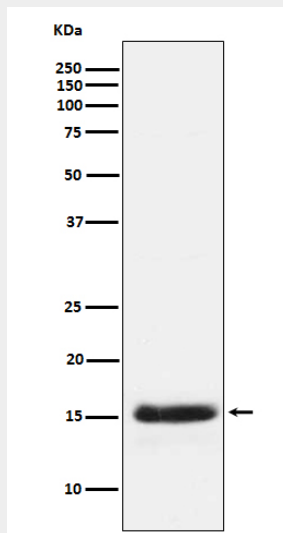
Tissue Location

While the three isoforms are present in most placental tissues, PlGF-2 is specific to early (8 week) placenta and only PlGF-1 is found in the colon and mammary carcinomas

Anti-PLGF Rabbit Monoclonal Antibody - 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-PLGF Rabbit Monoclonal Antibody - Images

Western blot analysis of PLGF expression in human PLGF Recombinant protein.