10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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, PlGF, 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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

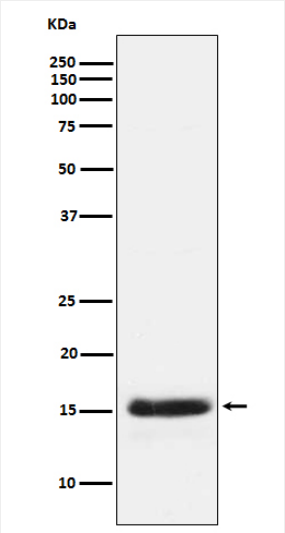
Tissue Location
While the three isoforms are present in most placental tissues, PlGF-2 is specific to early (8 week) placenta and only PlGF-1 is found in the colon and mammary carcinomas

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 Cytomety
- Cell Culture

Anti-PLGF Rabbit Monoclonal Antibody - Images



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