

**PIGF Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV11058****Specification**

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**PIGF Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P49764</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	17876

**PIGF Antibody - Additional Information****Gene ID** 18654**Application & Usage****Western blot analysis (0.5-4 µg/ml).**  
**However, the optimal conditions should be**  
**determined individually. Other applications**  
**have not been determined.****Other Names**

PIGF1, PIGF 1, PIGF-1, Phosphatidylinositol glycan biosynthesis class F, PIG F

**Target/Specificity**

PIGF

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

PIGF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## **PIGF Antibody - Protein Information**

**Name** Pgf

**Synonyms** Plgf

### **Function**

Growth factor active in angiogenesis and endothelial cell growth, stimulating their proliferation and migration. It binds to the receptor FLT1/VEGFR-1. Also promotes cell tumor growth (By similarity).

### **Cellular Location**

Secreted.

## **PIGF 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](#)

## **PIGF Antibody - Images**

## **PIGF Antibody - Background**

PLGF (also called Placenta Growth Factor, PIGF, PGF) is an angiogenic factor that belongs to the cysteine-knot superfamily of growth factors. PLGF is expressed in placental tissues, colon and mammary carcinomas. It signals through the VEGFR-1/FLT1 receptor and stimulates endothelial cell proliferation and migration. Recombinant mouse PLGF is a disulfide-linked homodimer containing two 142 amino acid polypeptide chains.