

PLGF Rabbit mAb

Catalog No: #49602

Package Size: #49602-1 50ul #49602-2 100ul

Description

Product Name	PLGF Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JA63-15
Purification	ProA affinity purified
Applications	WB, ICC, IHC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Conjugates	Unconjugated
Other Names	D12S1900 antibody Pgf antibody PGFL antibody PIGF antibody Placenta growth factor antibody Placental growth factor antibody Placental growth factor, vascular endothelial growth factor related protein antibody PIGF 2 antibody PIGF antibody PLGF_HUMAN antibody PIGF2 antibody SHGC 10760 antibody
Accession No.	Swiss-Prot#:P49763
Calculated MW	50 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200 ICC: 1:50-1:200

Background

The onset of angiogenesis is believed to be an early event in tumorigenesis and may facilitate tumor progression and metastasis. Several growth factors with angiogenic activity have been described. These include fibroblast growth factor (FGF), platelet derived growth factor (PDGF), vascular endothelial growth factor (VEGF) and placenta growth factor (PIGF). Like VEGF, several PIGF variants have been shown to arise from alternative mRNA splicings. Evidence has suggested VEGF to be an obligatory component in PIGF signaling. While VEGF homodimers and VEGF/PIGF heterodimers function as potent mediators of mitogenic and chemotactic responses in endothelial cells, PIGF homodimers are effectual only at extremely high concentrations. Indeed, many of the physiological effects attributed to VEGF may actually be a result of VEGF/PIGF. VEGF and PIGF share a common receptor, Flt-1, and may also activate Flk-1/KDR.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.