Product Datasheet

PLGF Rabbit mAb

Catalog No: #49602

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

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PLGF Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JA63-15
Purification	ProA affinity purified
Applications	WB, ICC, IHC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
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 PlGF 2 antibody PlGF antibody PLGF_HUMAN antibody PlGF2 antibody SHGC 10760 antibody
Accession No.	Swiss-Prot#:P49763
Uniprot	P49763
GeneID	5228;
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: 1:500-1:1,000IHC: 1:50-1:200ICC: 1:50-1:200

Background

he 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 (PlGF). Like VEGF, several PlGF variants have been shown to arise from alternative mRNA splicings. Evidence has suggested VEGF to be an obligatory component in PlGF signaling. While VEGF homodimers and VEGF/PlGF heterodimers function as potent mediators of mitogenic and chemotactic responses in endothelial cells, PlGF homodimers are effectual only at extremely high concentrations. Indeed, many of the physiological effects attributed to VEGF may actually be a result of VEGF/PlGF. VEGF and PlGF share a common receptor, Flt-1, and may also activate Flk-1/KDR.

References

Note: This product is for in vitro research use only