

PLGF Rabbit mAb

Catalog No: #52078



Package Size: #52078-1 50ul #52078-2 100ul

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Support: tech@signalwayantibody.com

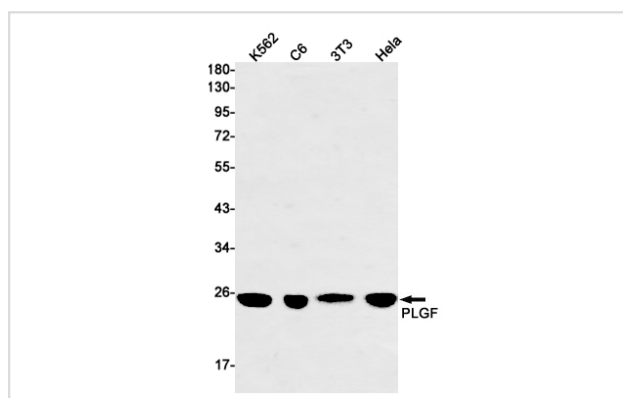
Description

Product Name	PLGF Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-9C2
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human, Mouse, Rat
Immunogen Description	A synthetic peptide of human PLGF
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Pgf; PGFL; PIGF; Placenta growth factor; Placental growth factor, vascular endothelial growth factor related protein; PIGF; PIGF2; SHGC 10760;
Accession No.	Swiss-Prot:P49763GenelD:5228
Calculated MW	Calculated MW: 25 kDa; Observed MW: 25 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/2000

Images



Western blot detection of PLGF in K562, C6, 3T3, HeLa cell lysates using PLGF Rabbit mAb(1:1000 diluted). Predicted band size: 25kDa. Observed band size: 25kDa.

Background

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

Published Papers

el at., Correlation between N-terminal pro-atrial natriuretic peptide, corin, and target organ damage in hypertensive disorders of pregnancy. In J Clin Hypertens (Greenwich) on 2022 May by Wei Zhang, Ying Zhou, et al..PMID:35199942, , (2022)

[PMID:35199942](#)

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