

# PLGF Rabbit mAb

Catalog # AP74929

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P49763</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	24789

## Additional Information

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<b>Gene ID</b>	5228
<b>Other Names</b>	PGF
<b>Dilution</b>	WB~~1/500-1/1000
<b>Format</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

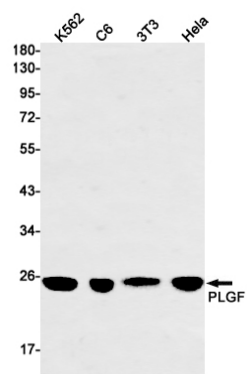
## Protein Information

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<b>Name</b>	PGF
<b>Synonyms</b>	PGFL, PLGF
<b>Function</b>	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.
<b>Cellular Location</b>	Secreted. Note=The three isoforms are secreted but PIGF-2 appears to remain cell attached unless released by heparin
<b>Tissue Location</b>	While the three isoforms are present in most placental tissues, PIGF-2 is specific to early (8 week) placenta and only PIGF-1 is found in the colon and mammary carcinomas

## Images

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