



Anti-Murine PIGF

Synonyms: Pgf, PIGF, Plgf, A1854365, placental growth factor

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
100 µg	4131.862.100		
200 µg	4131.862.200		

Please enquire for bulk quantities and other vial sizes.

Description

Placenta growth factor (PIGF) is a member of the vascular endothelial growth factor (VEGF) family of growth factors. PIGF and VEGF share primary structural as well as limited amino acid sequence homology with the A and B chains of PDGF. All eight cysteine residues involved in intra and interchain disulfides are conserved among these growth factors. As a result of alternative splicing, three PIGF RNAs encoding monomeric human PIGF1, PIGF2 and PIGF3 isoform precursors containing 149, 179 and 219 amino acid residues, respectively, have been described. In normal mouse tissues, only one mouse PIGF mRNA encoding the equivalent of human PIGF2 has been identified. Mouse PIGF shares 65 % amino acid identity with human PIGF2. The gene for PIGF has been mapped to mouse chromosome 12 and human chromosome 14. PIGF binds with high affinity to Flt1, but not to Flk1/KDR.

- **Source** Rabbit
- **Clone** AB-Sbccju!JH

Biological Activity

Use 1:200

Reconstitution

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.