



# PIGF Monoclonal Antibody

Catalog No	BYmab-15956
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	KLC2
Protein Name	Kinesin light chain 2 (KLC 2)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 24-158 of mouse PIGF (NP_032853.1).
Specificity	
Formulation	
Source	
Purification	Affinity purification
Dilution	WB 1:1000 - 1:5000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	22kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	Predicted to enable identical protein binding activity; receptor ligand activity; and vascular endothelial growth factor receptor binding activity. Acts upstream of or within branching involved in ureteric bud morphogenesis and regulation of morphogenesis of a branching structure. Located in extracellular space. Is expressed in several structures, including brain; gut gland; musculature; reproductive system; and urinary system. Human ortholog(s) of this gene implicated in several diseases, including brain ischemia; diabetic neuropathy; glioblastoma; myocardial infarction; and pancreatic endocrine carcinoma. Orthologous to human PGF (placental growth factor).

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**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Western blot analysis of lysates from Mouse heart, using Mouse PIGF Mouse pAb (A24547) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

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