



# PIG-X Monoclonal Antibody

Catalog No	BYmab-02754
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PIGX
Protein Name	Phosphatidylinositol-glycan biosynthesis class X protein
Immunogen	The antiserum was produced against synthesized peptide derived from human PIGX. AA range:183-232
Specificity	PIG-X Monoclonal Antibody detects endogenous levels of PIG-X protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PIGX; Phosphatidylinositol-glycan biosynthesis class X protein; PIG-X
Observed Band	26kD
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass type I membrane protein .
Tissue Specificity	Brain,
Function	function:Essential component of glycosylphosphatidylinositol-mannosyltransferase 1 which transfers the first of the 4 mannoses in the GPI-anchor precursors during GPI-anchor biosynthesis. Probably acts by stabilizing the mannosyltransferase PIGM.,pathway:Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis.,PTM:N-glycosylated.,sequence caution:Unusual initiator. The initiator methionine is coded by a non-canonical CTG leucine codon.,similarity:Belongs to the PIGX family.,subunit:Interacts with PIGM.,
Background	This gene encodes a type I transmembrane protein in the endoplasmic reticulum (ER). The protein is an essential component of

Nanjing BYabscience technology Co.,Ltd



glycosylphosphatidylinositol-mannosyltransferase I, which transfers the first of the four mannoses in the GPI-anchor precursors during GPI-anchor biosynthesis. Studies in rat indicate that the protein is translated from a non-AUG translation initiation site. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009],

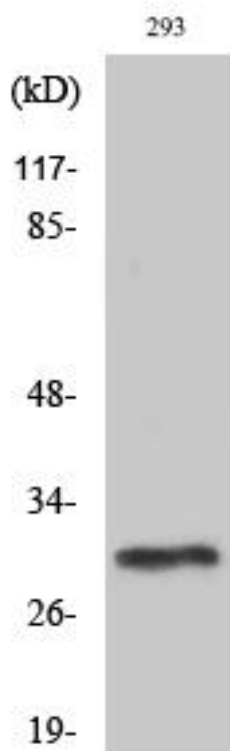
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

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

## Products Images



Western Blot analysis of various cells using PIG-X Monoclonal Antibody