

Anti-PIGU Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

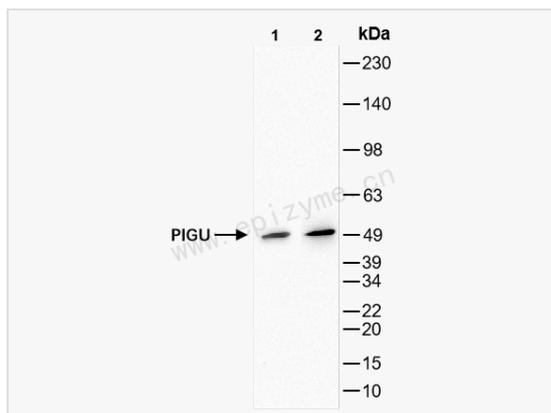
Catalog # R015555

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Mouse, Rat
Predicted	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	18M37C87
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human PIGU
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PIGU Rabbit mAb [18M37C87] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	5430426F17Rik; BC028278; Cdc91I1; Cell division cycle 91 like 1 protein; Cell division cycle protein 91-like 1; GAB1; GPI transamidase component PIG-U; GPI transamidase subunit; Phosphatidylinositol glycan anchor biosynthesis class U; Phosphatidylinositol glycan anchor biosynthesis class U protein; Pigu; PIGU_HUMAN; Protein CDC91 like 1; Protein CDC91-like 1.
Calculated MW	Calculated MW: 50 kDa; Observed MW: 50 kDa
Uniprot ID	Q9H490, Q8K358, Q8CHJ1
Gene ID	128869, 228812, 353304
Background	The protein encoded by this gene shares similarity with <i>Saccharomyces cerevisiae</i> Cdc91, a predicted integral membrane protein that may function in cell division control. The protein encoded by this gene is the fifth subunit of GPI transamidase that attaches GPI-anchors to proteins. [provided by RefSeq, Jul 2008]
Cellular Location	Endoplasmic reticulum membrane.



Western Blot - Anti-PIGU Rabbit mAb [18M37C87]

All lanes: R015555 at 1:1,000 dilution

Lane 1: Mouse heart whole tissue lysates

Lane 2: Rat heart whole tissue lysates

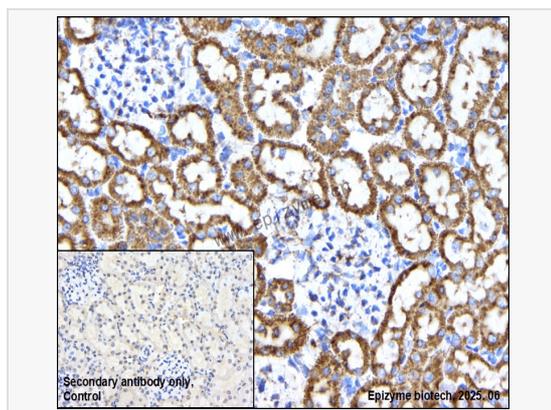
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 50 kDa

Observed band size: 50 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-PIGU Rabbit mAb [18M37C87]

Sample: Paraformaldehyde-fixed, paraffin embedded rat kidney tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015555 at 1:200 dilution

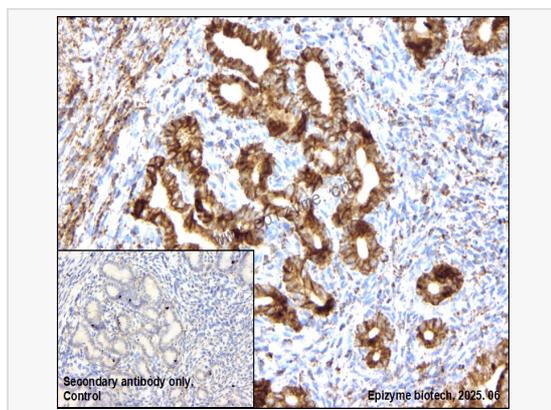
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-PIGU Rabbit mAb [18M37C87]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse ovary tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015555 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.