# Anti-PIGU Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015555

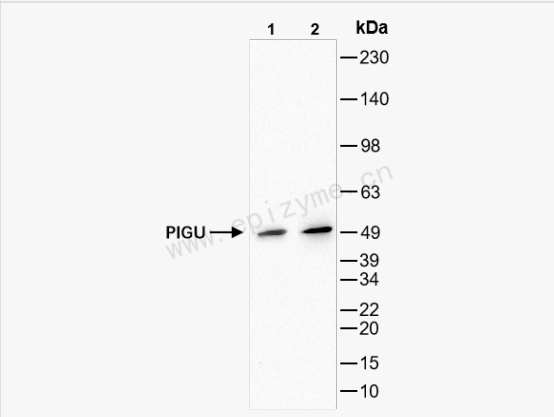
## Product Information

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|---|---|
| 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℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage. |
| Precautions | Anti-PIGU Rabbit mAb [18M37C87] is for research use only and not for use in diagnostic or therapeutic procedures. |

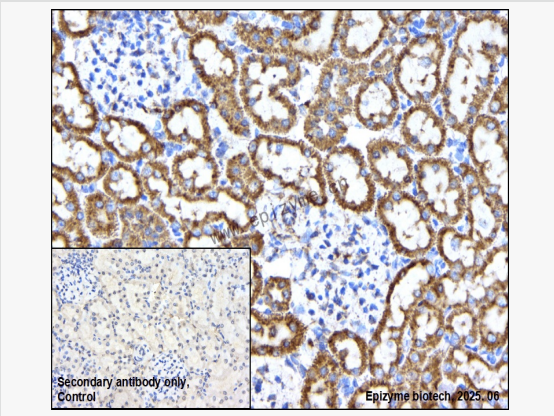
## Protein Information

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|---|---|
| Synonyms | 5430426F17Rik; BC028278; Cdc91l1; 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 Saccharomyces cerevisiae 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. |

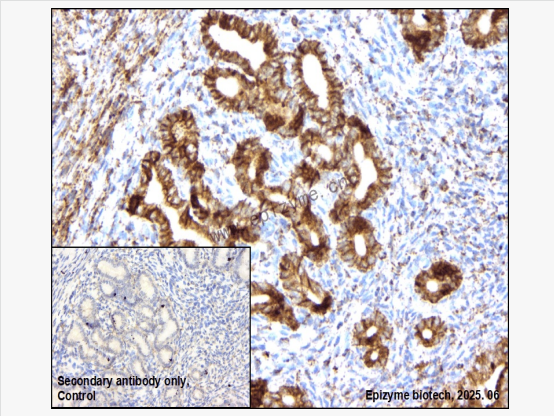
## Validation Images




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.