

## Anti-PPM1G Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

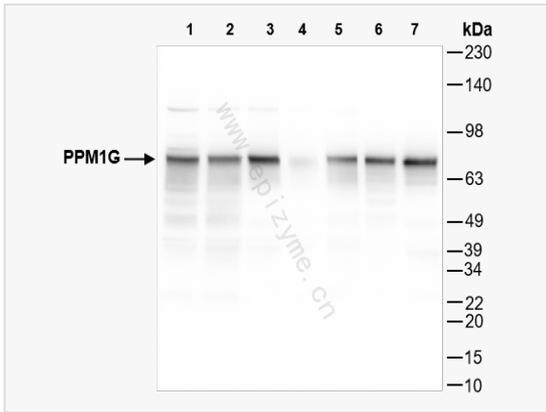
Catalog # R014668

### Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse
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.	85K95G84
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human PPM1G
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-PPM1G Rabbit mAb [85K95G84] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	MGC1675, MGC2870, OTTHUMP00000123426, PP2C, PP2C gamma, PP2C-gamma, PP2CG, PP2Cgamma, PPM1G, PPM1G_HUMAN, PPP2CG, Protein phosphatase 1C, Protein phosphatase 1G, Protein phosphatase 2 catalytic subunit gamma isoform, Protein phosphatase 2C gamma isoform, Protein phosphatase 2C isoform gamma, Protein phosphatase magnesium dependent 1 gamma, Protein phosphatase magnesium-dependent 1 gamma, Protein phosphatase Mg <sup>2+</sup> /Mn <sup>2+</sup> dependent 1G.
Calculated MW	Calculated MW: 59 kDa; Observed MW: 75 kDa
Uniprot ID	O15355
Gene ID	5496
Background	Belongs to the PP2C family.
Cellular Location	Cytoplasm.
Tissue Location	Widely expressed. Most abundant in testis, skeletal muscle, and heart.



Western Blot - Anti-PPM1G Rabbit mAb [85K95G84]

All lanes: R014668 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: U2OS (Human osteosarcoma epithelial cell) whole cell lysates

Lane 5: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lane 6: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 7: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

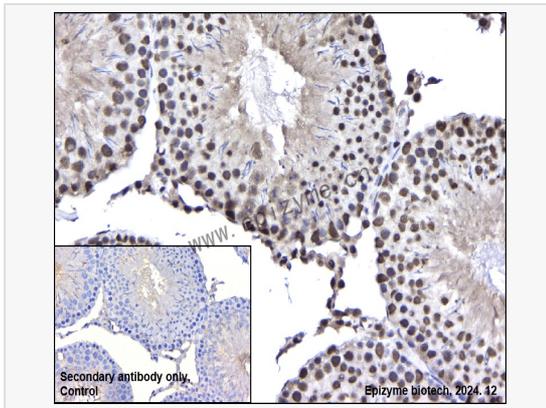
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 59 kDa

Observed band size: 75 kDa

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



Immunohistochemistry - Anti-PPM1G Rabbit mAb [85K95G84]

Sample: Paraformaldehyde-fixed, paraffin embedded rat testis tissue

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

Primary antibody: R014668 at 1:200 dilution

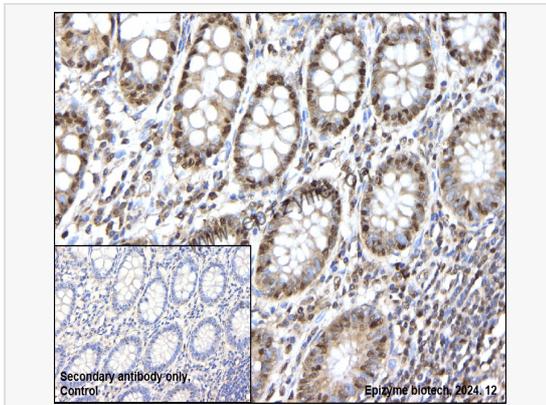
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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-PPM1G Rabbit mAb [85K95G84]

Sample: Paraformaldehyde-fixed, paraffin embedded human colonic cancer tissue

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

Primary antibody: R014668 at 1:200 dilution

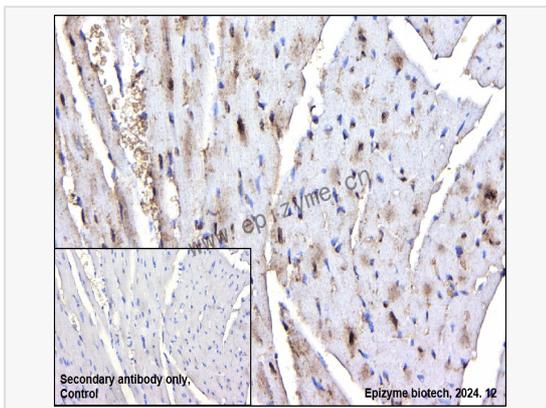
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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-PPM1G Rabbit mAb [85K95G84]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse heart tissue

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

Primary antibody: R014668 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.