

Anti-MPP1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

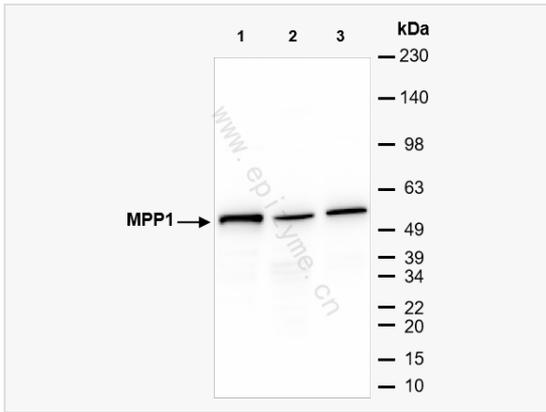
Catalog # R012467

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.	33K11K27
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human MPP1
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-MPP1 Rabbit mAb [33K11K27] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	55 kDa erythrocyte membrane protein, AAG 12, AAG12, Aging associated gene 12, DXS552, DXS552E, EM55_HUMAN, EMP 55, EMP55, Erythrocyte membrane protein p55, Membrane protein, Membrane protein palmitoylated 1 55kDa, Membrane protein palmitoylated 1, Membrane protein, palmitoylated 1, 55kDa, Migration related gene 1, MPP 1, MPP1, MRG 1, MRG1, OTTHUMP00000026054, OTTHUMP00000196176, p55, palmitoylated 1, Palmitoylated erythrocyte membrane protein, Palmitoylated membrane protein 1, PEMP.
Calculated MW	Calculated MW: 52 kDa; Observed MW: 55 kDa
Uniprot ID	Q00013
Gene ID	4354
Background	Essential regulator of neutrophil polarity.
Cellular Location	Membrane. Cell projection > stereocilium. Colocalizes with WHRN at stereocilium tip during hair cell development (By similarity). Colocalizes with MPP5 in the retina, at the outer limiting membrane (OLM). Colocalizes with WHRN in the retina, at the outer limiting membrane (OLM), outer plexiform layer (OPL), basal bodies and at the connecting cilium (CC). Colocalizes with NF2 in non-myelin-forming Schwann cells.
Tissue Location	Ubiquitous.



Western Blot - Anti-MPP1 Rabbit mAb [33K11K27]

All lanes: R012467 at 1:1,000 dilution

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

Lane 2: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lane 3: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

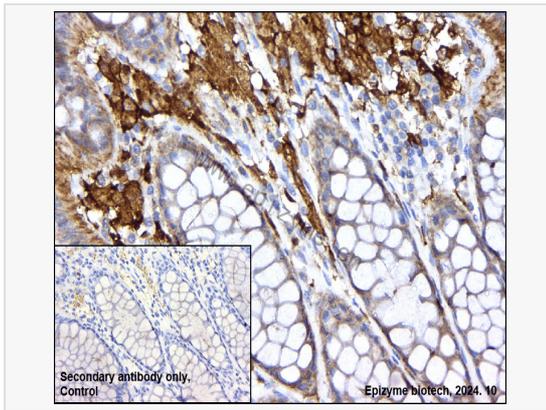
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 52 kDa

Observed band size: 55 kDa

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



Immunohistochemistry - Anti-MPP1 Rabbit mAb [33K11K27]

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: R012467 at 1:200 dilution

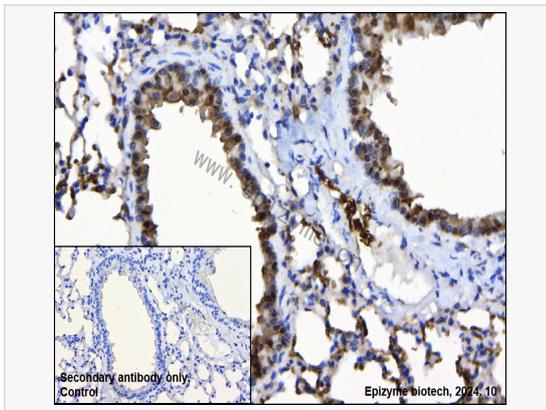
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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-MPP1 Rabbit mAb [33K11K27]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse lung tissue

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

Primary antibody: R012467 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.