

Anti-MMP17 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

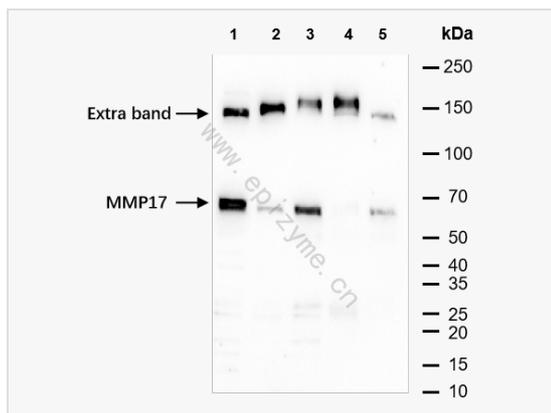
Catalog # R014094

Product Information

Application	IHC-P/IF (Tissue-P), ELISA, WB
Reactivity	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.	53C36G90
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human MMP17
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-MMP17 Rabbit mAb [53C36G90] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Matrix metalloproteinase 17, Matrix metalloproteinase 17 membrane inserted, Matrix metalloproteinase-17, Membrane type 4 matrix metalloproteinase, Membrane type matrix metalloproteinase 4, Membrane-type matrix metalloproteinase 4, Membrane-type-4 matrix metalloproteinase, MMP 17, MMP-17, Mmp17, MMP17_HUMAN, MT MMP 4, MT MMP4, MT-MMP 4, MT4 MMP, MT4-MMP, MT4MMP, MTMMP 4, MTMMP4.
Calculated MW	Calculated MW: 67 kDa; Observed MW: 67 kDa
Uniprot ID	Q9ULZ9
Gene ID	4326
Background	Endopeptidase that degrades various components of the extracellular matrix, such as fibrin. May be involved in the activation of membrane-bound precursors of growth factors or inflammatory mediators, such as tumor necrosis factor-alpha. May also be involved in tumoral process. Not obvious if able to proteolytically activate progelatinase A. Does not hydrolyze collagen types I, II, III, IV and V, gelatin, fibronectin, laminin, decorin nor alpha1-antitrypsin.



Western Blot - Anti-MMP17 Rabbit mAb [53C36G90]

All lanes: R014094 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: A431 (Human epidermoid teratoma cell line) whole cell lysates

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

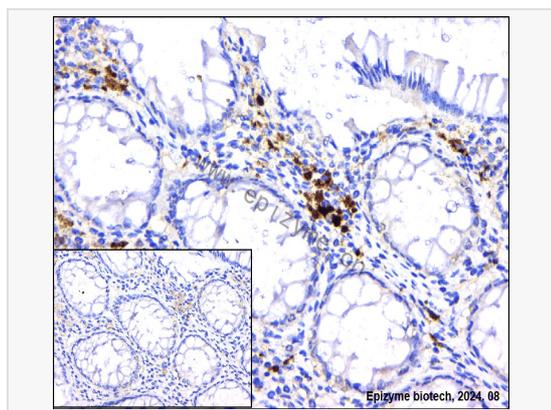
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 67 kDa

Observed band size: 67 kDa

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



Immunohistochemistry - Anti-MMP17 Rabbit mAb [53C36G90]

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: R014094 at 1:200 dilution

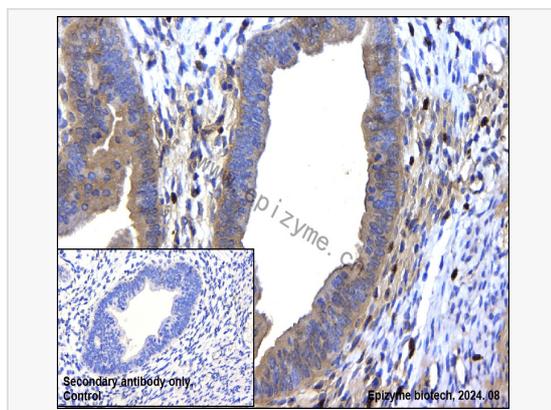
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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-MMP17 Rabbit mAb [53C36G90]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse ovary tissue

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

Primary antibody: R014094 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.