

Anti-Ezrin Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

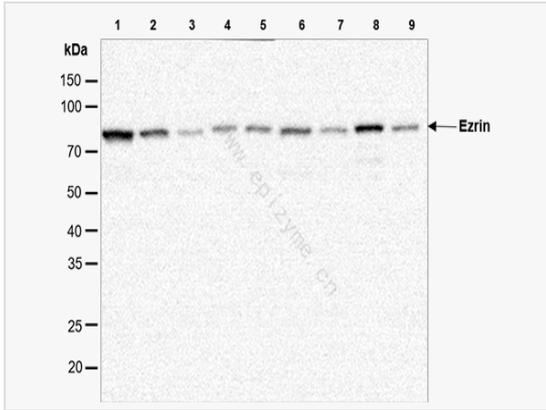
Catalog # R010713

Product Information

Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:200; IF 1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	80K78M80
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human Ezrin
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-Ezrin Rabbit mAb [80K78M80] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	EZR, VIL2, Ezrin, Cytovillin, Villin-2, p81.
Calculated MW	Calculated MW: 80 kDa; Observed MW: 80 kDa
Uniprot ID	P15311
Gene ID	7430
Background	Probably involved in connections of major cytoskeletal structures to the plasma membrane. In epithelial cells, required for the formation of microvilli and membrane ruffles on the apical pole. Along with PLEKHG6, required for normal macropinocytosis.



Western Blot - Anti-Ezrin Rabbit mAb [80K78M80]

All lanes: R010713 at 1:1,000 dilution

Lane 1: HCT116 (human colorectal carcinoma epithelial cell) whole cell lysates

Lane 2: T24 (human bladder cancer epithelial cell) whole cell lysates

Lane 3: HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysates

Lane 4: SCC-9 (human tongue squamous carcinoma epithelial cell) whole cell lysates

Lane 5: U2OS (human osteosarcoma epithelial cell) whole cell lysates

Lane 6: SW620 (human colorectal carcinoma epithelial cell) whole cell lysates

Lane 7: Rat kidney whole tissue lysates

Lane 8: Rat spleen whole tissue lysates

Lane 9: Balb/c mouse brain whole tissue lysates

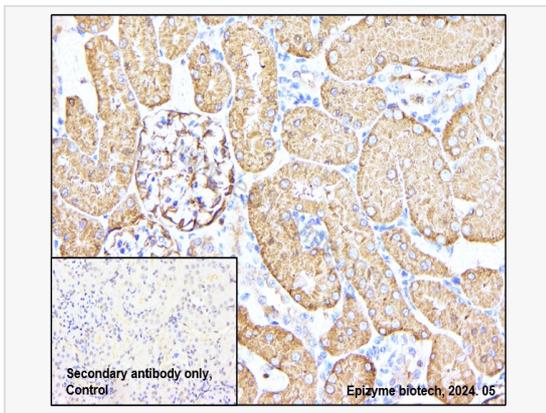
Lysates/proteins at 10 µg per lane.

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

Predicted band size: 80 kDa

Observed band size: 80 kDa

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



Immunohistochemistry - Anti-Ezrin Rabbit mAb [80K78M80]

Sample: Paraformaldehyde-fixed, paraffin embedded rat kidney tissue

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

Primary antibody: R010713 at 1:200 dilution

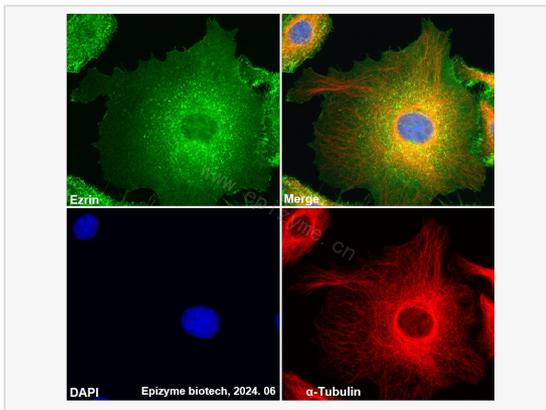
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

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.



Immunofluorescence - Anti-Ezrin Rabbit mAb [80K78M80]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R010713 at 1:100 dilution and α -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).