

Anti-Paxillin Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

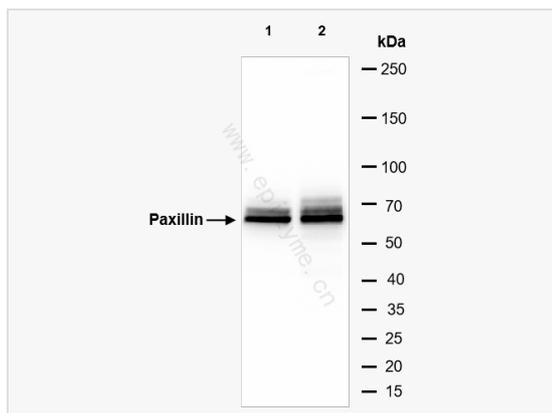
Catalog # R013946

Product Information

Application	ELISA, IF (Cell)/ICC, WB
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IF 1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	91A68I01
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Paxillin
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-Paxillin Rabbit mAb [91A68I01] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Paired box protein Pax-1, PAX-1, PAXI, paxillin, paxillin alpha.
Calculated MW	Calculated MW: 68 kDa; Observed MW: 60 kDa
Uniprot ID	P49023
Background	Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). PXN is a multi-domain cytoskeletal protein that localizes primarily to focal adhesion sites to the extracellular matrix. Phosphorylated by focal adhesion kinase (FAK) and is a component of integrin signaling. Its phosphorylation provides docking sites for recruitment of signaling molecules to focal adhesions.



Western Blot - Anti-Paxillin Rabbit mAb [91A68I01]

All lanes: R013946 at 1:1,000 dilution

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

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

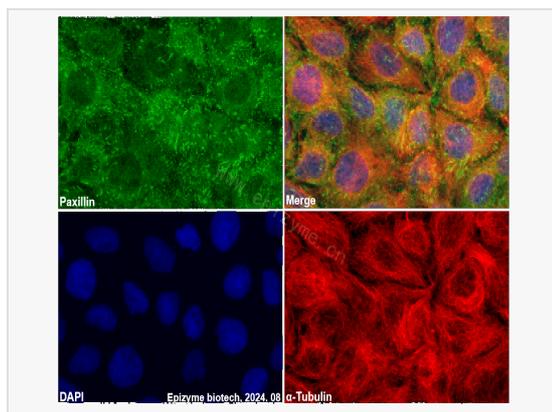
Lysates/proteins at 10 μ g per lane.

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

Predicted band size: 68 kDa

Observed band size: 60 kDa

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



Immunofluorescence - Anti-Paxillin Rabbit mAb [91A68I01]

Sample: Caco-2 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: R013946 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).