

## Anti-Paxillin Antibody (Monoclonal, PXC-10)

Catalog Number: MA1080

### About Pxn

The paxillin gene can be alternatively spliced to include 1 of 2 alternative exons, generating beta and gamma isoforms. Paxillin is a 68-kDa focal adhesion protein that is phosphorylated on tyrosine residues in fibroblasts in response to transformation by v-src, treatment with platelet-derived growth factor, or cross-linking of integrins. The 68-kD protein (paxillin) is a cytoskeletal component that localizes to the focal adhesions at the ends of actin stress fibers in chicken embryo fibroblasts. It is also present in the focal adhesions of Madin-Darby bovine kidney (MDBK) epithelial cells but is absent, like talin, from the cell-cell adherens junctions of these cells.

### Overview

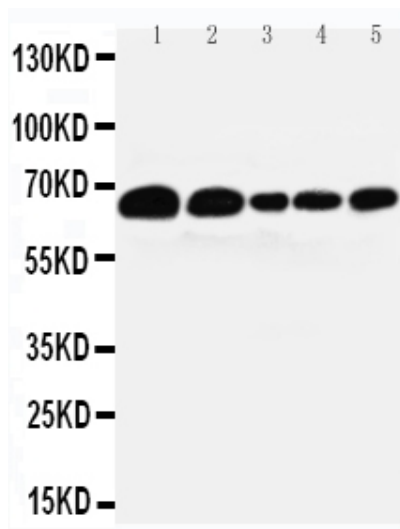
Product Name	Anti-Paxillin Antibody (Monoclonal, PXC-10)
Reactive Species	Chicken, Human, Mouse, Rat
Description	Mouse IgG monoclonal antibody for Paxillin, paxillin (PXN) detection. Tested with WB, ICC in Human; mouse; rat; chicken. No cross reactivity with other proteins.
Application	ICC, WB
Clonality	Monoclonal PXC-10
Formulation	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Storage Instructions	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Host	Mouse
Uniprot ID	Q66H76

### Technical Details

Immunogen	C-terminal part of recombinant chicken paxillin (amino acids 305-559).
Predicted Reactive Species	Canine, Horse, Rabbit

Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for ICC.
Cross Reactivity	No cross reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Purification	Ascites
Suggested Dilutions	Immunocytochemistry , 1µg/ml, Human, mouse, rat, chicken, - Western blot, 1-2µg/ml, Human, mouse, rat, chicken
For protocols please visit <a href="https://www.bosterbio.com/protocol-and-troubleshooting/">https://www.bosterbio.com/protocol-and-troubleshooting/</a>	

## Anti-Paxillin Antibody (Monoclonal, PXC-10) (MA1080) Images



Anti-Paxillin antibody (monoclonal), MA1080, Western blotting

Lane 1: 293T Cell Lysate  
Lane 2: HELA Cell Lysate  
Lane 3: MCF-7 Cell Lysate  
Lane 4: MM231 Cell Lysate  
Lane 5: JURKAT Cell Lysate

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