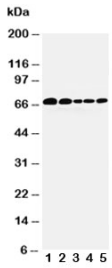
Paxillin Antibody [clone PXC-10] (R30070)

Catalog No.	Formulation	Size
R30070	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat, Chicken
Format	Ascites
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	PXC-10
Purity	Ascites
Gene ID	5829
Applications	Western Blot : 1-2ug/ml Immunocytochemistry : Suitable
Limitations	This Paxillin antibody is available for research use only.



Western blot testing of Paxillin antibody and Lane 1: 293T; 2: HeLa; 3: MCF-7; 4: MM231; 5: Jurkat cell lysate. Predicted molecular weight: 61/65/66 kDa (alpha/beta/gamma).

Description

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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Paxillin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

C-terminal partial recombinant chicken paxillin (amino acids 305-559) was used as the immunogen for this Paxillin antibody.

Storage

After reconstitution, the Paxillin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.