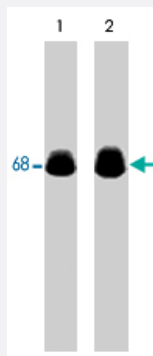


PXN monoclonal antibody, clone M107

Catalog # MAB1366

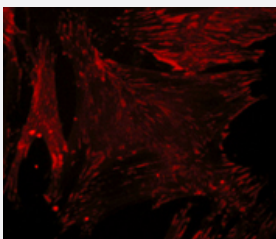
Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of A-431 cells (20 mg/lane) serum starved overnight. Then untreated (lane 1) or treated (lane 2) with EGF (100 ng/ml) for 5 min. The blot was probed with PXN monoclonal antibody, clone M107 (Cat # MAB1366).



Immunofluorescence

Immunocytochemical labeling of PXN in rabbit spleen fibroblasts. The cells were labeled with PXN monoclonal antibody, clone M107 (Cat # MAB1366) (left) , then detected using appropriate secondary antibodies conjugated to Cy3.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant PXN.
Immunogen	Recombinant protein corresponding to full length human PXN.
Host	Mouse
Reactivity	Chicken, Human, Mouse, Rat
Form	Liquid
Isotype	IgG1

Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	ELISA (1:2000) Immunocytochemistry (1:100) Immunoprecipitation (1-5 ul) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1 mg/mL BSA, 0.05% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of A-431 cells (20 mg/lane) serum starved overnight. Then untreated (lane 1) or treated (lane 2) with EGF (100 ng/ml) for 5 min. The blot was probed with PXN monoclonal antibody, clone M107 (Cat # MAB1366).

- Immunocytochemistry

- Immunofluorescence

Immunocytochemical labeling of PXN in rabbit spleen fibroblasts. The cells were labeled with PXN monoclonal antibody, clone M107 (Cat # MAB1366) (left), then detected using appropriate secondary antibodies conjugated to Cy3.

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PXN

Entrez GeneID	5829
Protein Accession#	P49023
Gene Name	PXN
Gene Alias	FLJ16691
Gene Description	paxillin

Omim ID [602505](#)

Gene Ontology [Hyperlink](#)

Other Designations -

Publication Reference

- [A role for JNK-paxillin signaling in cell migration.](#)

Huang C, Jacobson K, Schaller MD.

Cell Cycle 2004 Jan; 3(1):4.

- [Ras-induced serine phosphorylation of the focal adhesion protein paxillin is mediated by the Raf-->MEK-->ERK pathway.](#)

Woodrow MA, Woods D, Cherwinski HM, Stokoe D, McMahon M.

Experimental Cell Research 2003 Jul; 287(2):325.

Application: IF, IP, WB, Mouse, NIH/3T3 cells

- [JNK phosphorylates paxillin and regulates cell migration.](#)

Huang C, Rajfur Z, Borchers C, Schaller MD, Jacobson K.

Nature 2003 Jul; 424(6945):219.

Application: WB-Tr, Human, HEK 293, MDA-MB-231 cells

Pathway

- [Chemokine signaling pathway](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)
- [VEGF signaling pathway](#)

Disease

- [Carcinoma](#)

- [Lung Neoplasms](#)