

Datasheet for ABIN533141

**anti-Paxillin antibody****2** Images**3** Publications[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Paxillin (PXN)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Paxillin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Mouse monoclonal antibody raised against full length recombinant PXN.
Immunogen:	Recombinant protein corresponding to full length human PXN.
Clone:	M107
Isotype:	IgG1
Cross-Reactivity:	Chicken, Human, Mouse, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	Paxillin (PXN)
Alternative Name:	Paxillin / PXN ( <a href="#">PXN Products</a> )

## Target Details

Gene ID:	5829
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Response to Growth Hormone Stimulus</a> , <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Maintenance of Protein Location</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> , <a href="#">VEGF Signaling</a>

## Application Details

Application Notes:	ELISA (1:2000) Immunocytochemistry (1:100) Immunoprecipitation (1-5 µL) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

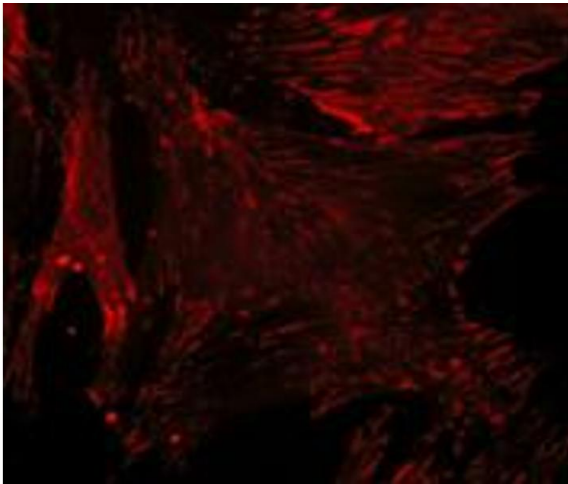
## Handling

Format:	Liquid
Buffer:	In PBS (50 % glycerol, 1 mg/mL BSA, 0.05 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Publications

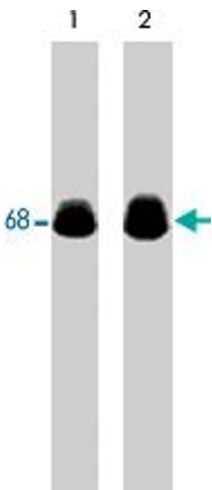
Product cited in:	Woodrow, Woods, Cherwinski, Stokoe, McMahon: "Ras-induced serine phosphorylation of the focal adhesion protein paxillin is mediated by the Raf-->MEK-->ERK pathway." in: <b>Experimental cell research</b> , Vol. 287, Issue 2, pp. 325-38, (2003) ( <a href="#">PubMed</a> ).
	Huang, Rajfur, Borchers, Schaller, Jacobson: "JNK phosphorylates paxillin and regulates cell migration." in: <b>Nature</b> , Vol. 424, Issue 6945, pp. 219-23, (2003) ( <a href="#">PubMed</a> ).

Huang, Jacobson, Schaller: "A role for JNK-paxillin signaling in cell migration." in: **Cell cycle (Georgetown, Tex.)**, Vol. 3, Issue 1, pp. 4-6, (2003) ([PubMed](#)).



**Immunocytochemistry**

**Image 1.** Immunocytochemical labeling of PXN in rabbit spleen fibroblasts. The cells were labeled with PXN monoclonal antibody, clone M107 (left) , then detected using appropriate secondary antibodies conjugated to Cy3.



**Western Blotting**

**Image 2.** 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 .