

For Research Use Only

# Ninein Monoclonal antibody

Catalog Number: 67132-1-Ig

Featured Product

2 Publications



## Basic Information

Catalog Number:

67132-1-Ig

Size:

150ul, Concentration: 2100 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG14652

GenBank Accession Number:

BC034708

GeneID (NCBI):

51199

UNIPROT ID:

Q8N4C6

Full Name:

ninein (GSK3B interacting protein)

Calculated MW:

2090 aa, 243 kDa

Observed MW:

220 kDa

Purification Method:

Protein G purification

CloneNo.:

1B10A8

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:250-1:1000

IF/ICC 1:250-1:1000

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF

Species Specificity:

Human, Canine, mouse

Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : HeLa cells, MCF-7 cells, NCCIT cells, HT-29 cells

IHC : mouse brain tissue, mouse heart tissue

IF/ICC : MDCK cells,

## Background Information

Ninein is a large coiled-coil protein that associates with the subdistal appendages of the mother centriole and the minus-ends of both centrioles. Ninein interacts with  $\gamma$ -tubulin and microtubule nucleation and anchoring at the centrosomes.

## Notable Publications

Author	Pubmed ID	Journal	Application
Johannes F Weijman	38533689	J Cell Sci	IF
Sarah Carden	37852252	Dev Cell	WB,IF

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

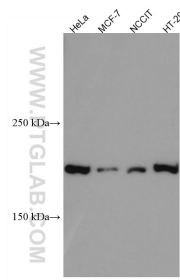
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

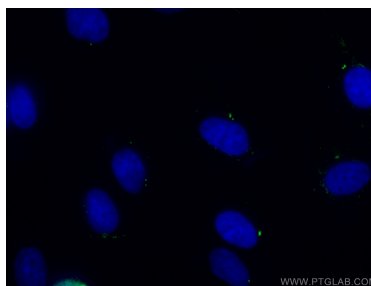
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

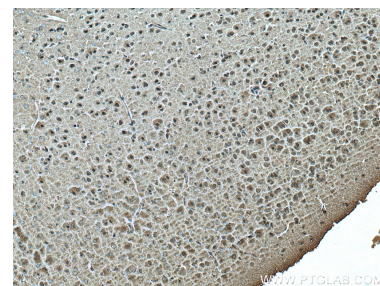
## Selected Validation Data



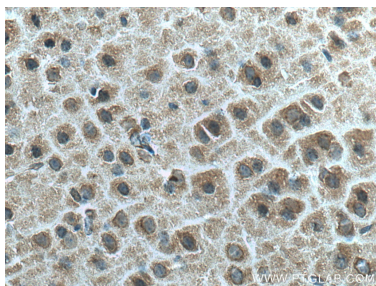
Various lysates were subjected to SDS PAGE followed by western blot with 67132-1-Ig (Ninein antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed MDCK cells using 67132-1-Ig (Ninein antibody) at dilution of 1:500 and CoraLite488-Conjugated Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67132-1-Ig (Ninein antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67132-1-Ig (Ninein antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).