

For Research Use Only

# PTPN9 Monoclonal antibody, PBS Only



Catalog Number: 67931-1-PBS

Featured Product

## Basic Information

Catalog Number:

67931-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30615

GenBank Accession Number:

BC010863

GeneID (NCBI):

5780

UNIPROT ID:

P43378

Full Name:

protein tyrosine phosphatase, non-receptor type 9

Calculated MW:

593 aa, 68 kDa

Observed MW:

68 kDa

Purification Method:

Protein G purification

CloneNo.:

1D6E4

## Applications

Tested Applications:

WB, Indirect ELISA, IF

Species Specificity:

Human, pig, mouse

## Background Information

PTPN9, Tyrosine-protein phosphatase non-receptor type 9, is a member of the protein tyrosine phosphatase (PTP) family. PTPs are signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. PTPN9 is involved in the transfer of hydrophobic ligands or in functions of the Golgi apparatus (PMID: 19167335). MiR-96 inhibits PTPN9 expression and consequently promotes proliferation, migration and invasion of breast cancer cells (PMID: 27857177).

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

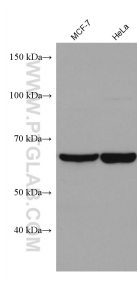
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

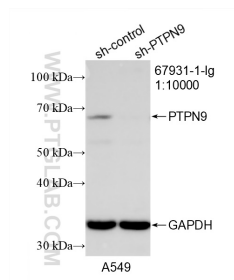
W: [ptgcn.com](http://ptgcn.com)

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

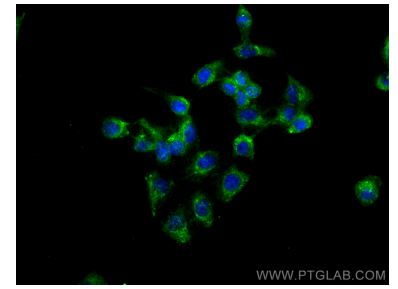
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67931-1-Ig (PTPN9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67931-1-PBS in a different storage buffer formulation.



WB result of PTPN9 antibody (67931-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PTPN9 transfected A549 cells. This data was developed using the same antibody clone with 67931-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using PTPN9 antibody (67931-1-Ig, Clone: 1D6E4) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67931-1-PBS in a different storage buffer formulation.