

For Research Use Only

PTPN9 Monoclonal antibody

Catalog Number: 67931-1-Ig

Featured Product



Basic Information

Catalog Number:

67931-1-Ig

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop;

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

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

Human, pig, mouse

Positive Controls:

WB : MCF-7 cells, Jurkat cells, pig pancreas tissue, A549 cells, HeLa cells, RAW 264.7 cells

IF/ICC : U2OS cells,

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 -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

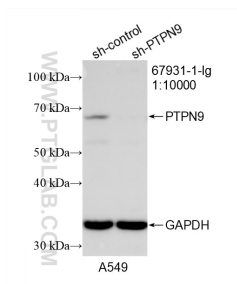
For technical support and original validation data for this product please contact:

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

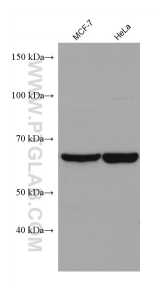
E: proteintech@ptglab.com
W: ptglab.com

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

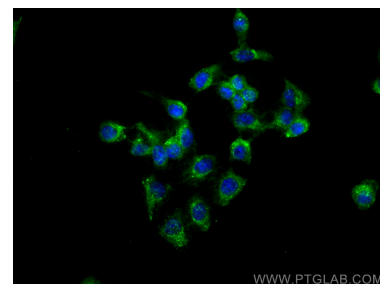
Selected Validation Data



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.



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.



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).