

For Research Use Only

PTPN9 Monoclonal antibody

Catalog Number: 67931-1-Ig **Featured Product**



Basic Information

Catalog Number: 67931-1-Ig	GenBank Accession Number: BC010863	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 5780	CloneNo.: 1D6E4
Source: Mouse	UNIPROT ID: P43378	Recommended Dilutions: WB 1:5000-1:50000 IF 1:400-1:1600
Isotype: IgG1	Full Name: protein tyrosine phosphatase, non-receptor type 9	
Immunogen Catalog Number: AG30615	Calculated MW: 593 aa, 68 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls:
Species Specificity: Human, pig, mouse	WB: MCF-7 cells, Jurkat cells, pig pancreas tissue, A549 cells, HeLa cells, RAW 264.7 cells
	IF: 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

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

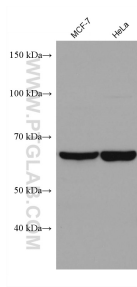
T: 4006900926

E: Proteintech-CN@ptglab.com

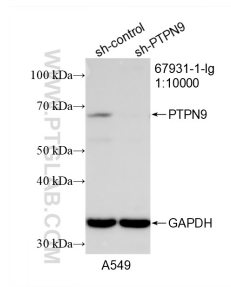
W: ptgcn.com

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

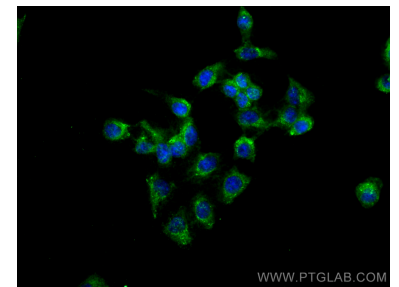
Selected Validation Data



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.



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.



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).