

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: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5780	CloneNo.: 1D6E4
Source: Mouse	Full Name: protein tyrosine phosphatase, non- receptor type 9	Recommended Dilutions: WB 1:5000-1:50000 IF 1:400-1:1600
Isotype: IgG1	Calculated MW: 593 aa, 68 kDa	
Immunogen Catalog Number: AG30615	Observed MW: 68 kDa	

Applications

Tested Applications: IF, 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

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

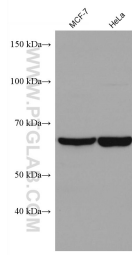
For technical support and original validation data for this product please contact:

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

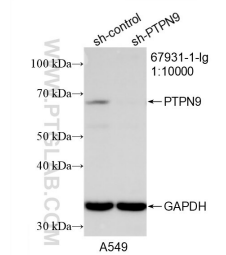
E: proteintech@ptglab.com
W: ptglab.com

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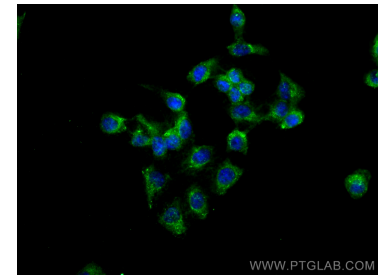
Selected Validation Data



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).