

For Research Use Only

CoraLite® Plus 488-conjugated PTPN9 Monoclonal antibody



Catalog Number:CL488-67931

Basic Information

Catalog Number: CL488-67931	GenBank Accession Number: BC010863	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5780	CloneNo.: 1D6E4
Source: Mouse	Full Name: protein tyrosine phosphatase, non- receptor type 9	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 593 aa, 68 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG30615	Observed MW: 68 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : U2OS cells,
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

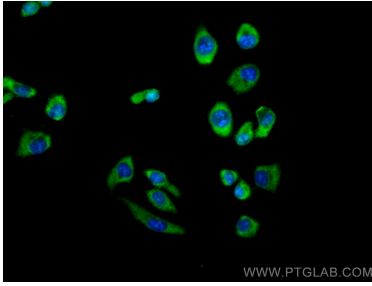
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

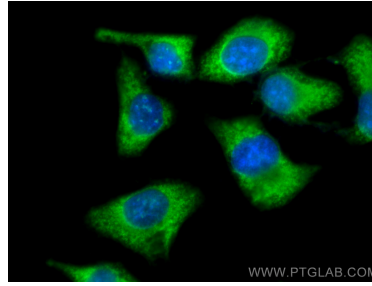
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

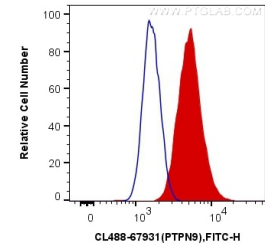
Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using CoraLite® Plus 488 PTPN9 antibody (CL488-67931, Clone: 1D6E4) at dilution of 1:200.



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1X10⁶ MCF-7 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human PTPN9 (CL488-67931, Clone:1D6E4) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).