

For Research Use Only

CoraLite® Plus 488-conjugated PSMB1 Polyclonal antibody



Catalog Number:CL488-11749

Basic Information

Catalog Number: CL488-11749	GenBank Accession Number: BC020807	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5689	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: proteasome (prosome, macropain) subunit, beta type, 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 241 aa, 26 kDa	
Immunogen Catalog Number: AG2345	Observed MW: 25 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : U2OS cells,
Species Specificity: human, mouse, rat	

Background Information

PSMB1(Proteasome subunit beta type-1) is also named as PSC5 and belongs to the peptidase T1B family. The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The gene encodes a 241 amino acid protein with a 28 amino acid propeptide and two glycosylation sites.

Storage

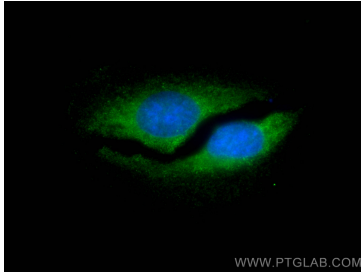
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

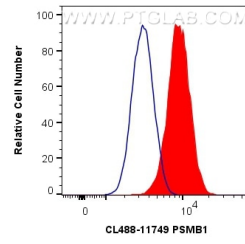
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech 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 PSMB1 antibody (CL488-11749) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human PSMB1 (CL488-11749) (red), or 0.8 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).