

For Research Use Only

CoraLite® Plus 488-conjugated PSMB6 Recombinant monoclonal antibody

Catalog Number: CL488-86491



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-86491	BC000835	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100μl, Concentration: 1000 ug/ml by Nanodrop;	5694	251232G5
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P28072	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	proteasome (prosome, macropain) subunit, beta type, 6	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
AG2296	239 aa, 25 kDa	
	Observed MW:	
	25 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : HeLa cells,
Species Specificity:	
human, mouse	

Background Information

PSMB6(Proteasome subunit beta type-6) is also named as LMPY, Y 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. It may also catalyzes basal processing of intracellular antigens. It can be up-regulated in anaplastic thyroid cancer cell lines and down-regulated by IFNG/IFN-gamma (at protein level)(PMID:8066462;15613457).

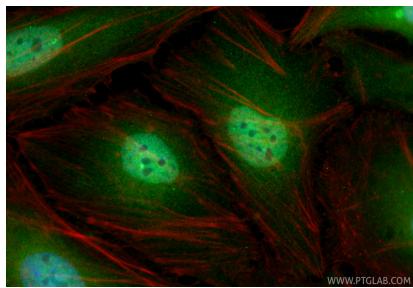
Storage

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, pH7.3
Aliquoting is unnecessary for -20°C storage

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 (4% PFA) fixed HeLa cells using Coralite® Plus 488 PSMB6 antibody (CL488-86491, Clone: 251232G5) at dilution of 1:200, CL594-phalloidin (red).