

# 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
Source:	GenelD (NCBI):	CloneNo.:
Rabbit	5694	251232G5
Isotype:	UNIPROT ID:	Recommended Dilutions:
IgG	P28072	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	Full Name:	Excitation/Emission maxima wavelengths:
AG2296	proteasome (prosome, macropain) subunit, beta type, 6	493 nm / 522 nm
	Calculated MW:	
	239 aa, 25 kDa	
	Observed MW:	
	25 kDa	

## Applications

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

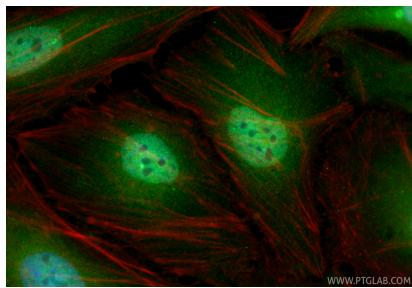
## Background Information

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

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 PSMB6 antibody (CL488-86491, Clone: 251252G5 ) at dilution of 1:200, CL594-phalloidin (red).