

For Research Use Only

CoraLite® Plus 488-conjugated PSMD11 Recombinant monoclonal antibody

Catalog Number: CL488-86596-3



Basic Information

Catalog Number: CL488-86596-3	GenBank Accession Number: BC000437	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 5717	CloneNo.: 251499B5
Source: Rabbit	UNIPROT ID: O00231	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: proteasome (prosome, macropain) 26S subunit, non-ATPase, 11	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG6435	Calculated MW: 47 kDa	
	Observed MW: 47 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : MCF-7 cells,
Species Specificity: human, mouse, rat	

Background Information

The 26 S proteasome is a 2.5-MDa molecular machine that degrades ubiquitinated proteins in eukaryotic cells. It consists of a proteolytic core particle and two 19 S regulatory particles (RPs) composed of 6 ATPase (RPT) and 13 non-ATPase (RPN) subunits. PSMD11 gene encodes 19S proteasome subunit RPN6. Increased levels of PSMD11 and a corresponding increased assembly of the 26S/30S proteasome is correlated with high proteasome activity. In vitro ectopic expression of PSMD11 is sufficient to increase proteasome assembly and activity. Latest research has implicated PSMD11 in regulation of human embryonic stem cells function.

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

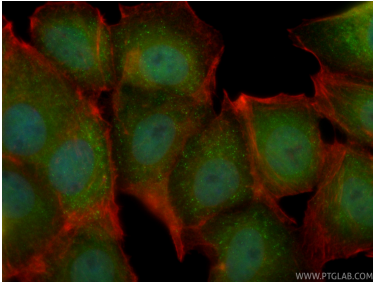
For technical support and original validation data for this product please contact:

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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 (4% PFA) fixed MCF-7 cells using CoraLite® Plus 488 PSMD11 antibody (CL488-86596-3, Clone: 251499B5) at dilution of 1:200, CL594-phalloidin (red).