

For Research Use Only

CoraLite® Plus 488-conjugated PSMA7 Monoclonal antibody



Catalog Number:CL488-67817

Basic Information

Catalog Number: CL488-67817	GenBank Accession Number: BC004427	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5688	CloneNo.: 1F2C6
Source: Mouse	UNIPROT ID: O14818	Recommended Dilutions: WB 1:2000-1:16000
Isotype: IgG1	Full Name: proteasome (prosome, macropain) subunit, alpha type, 7	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG7821	Calculated MW: 28 kDa	
	Observed MW: 28-30 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : MCF-7 cells, HeLa cells
Species Specificity: Human, mouse, rat	

Background Information

PSMA7(Proteasome subunit alpha type-7) is also named as HSPC and belongs to the peptidase T1A family. It is an α -type subunit of the 20S proteasome core complex and participates in degrading proteins through ubiquitin-proteasome pathway (UPP) which plays an important role in the regulation of cell proliferation or cell cycle control, transcriptional regulation, immune and stress response, cell differentiation, and apoptosis.(PMID: 19442227).

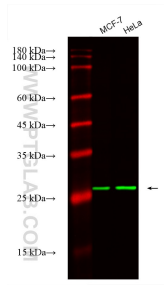
Storage

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

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



Various lysates were subjected to SDS PAGE followed by western blot with CL488-67817 (PSMA 7 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.