

For Research Use Only

CoraLite® Plus 488-conjugated PSMA5 Recombinant antibody

Catalog Number: CL488-84424-4



Basic Information

| | | |
|--|---|---|
| Catalog Number: CL488-84424-4 | GenBank Accession Number: BC103751 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 5686 | CloneNo.: 241629H2 |
| Source: Rabbit | UNIPROT ID: P28066 | Recommended Dilutions: IF/ICC 1:50-1:500 |
| Isotype: IgG | Full Name: proteasome (prosome, macropain) subunit, alpha type, 5 | Excitation/Emission maxima wavelengths: 493 nm / 522 nm |
| Immunogen Catalog Number: AG34928 | Calculated MW: 241 aa, 26 kDa | |

Applications

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

Background Information

Proteasome subunit alpha type-5(PSMA5) is a component of the 20S core proteasome complex involved in the proteolytic degradation of most intracellular proteins. This complex plays numerous essential roles within the cell by associating with different regulatory particles. It binds to two 19S regulatory particles(RP) to form the 26S proteasome, an ATP-dependent multisubunit protease that degrades polyubiquitinated proteins into small peptides. (PMID: 26661102)

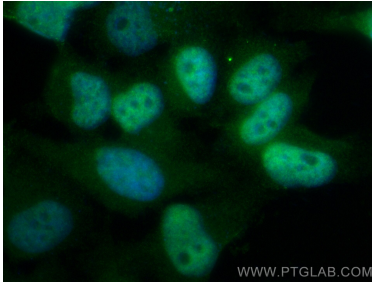
Storage

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
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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 HeLa cells using CoraLite® Plus 488 PSMA5 antibody (CL488-84424-4, Clone: 241629H2) at dilution of 1:200.