

For Research Use Only

CoraLite® Plus 647-conjugated PSMA7 Monoclonal antibody



Catalog Number:CL647-67817

Basic Information

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|---|--|---|
| Catalog Number: CL647-67817 | 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 | Excitation/Emission maxima wavelengths: 654 nm / 674 nm |
| Isotype: IgG1 | Full Name: proteasome (prosome, macropain) subunit, alpha type, 7 | |
| Immunogen Catalog Number: AG7821 | Calculated MW: 28 kDa | |
| | Observed MW: 28-30 kDa | |

Applications

Tested Applications:
FC (Intra)

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

*** 20ul sizes contain 0.1% BSA

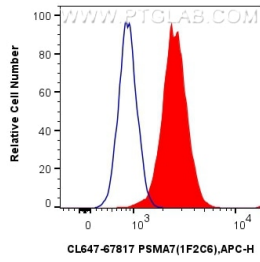
For technical support and original validation data for this product please contact:

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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



1×10^6 HeLa cells were intracellularly stained with 0.4 μg CoraLite® Plus 647 Anti-Human PSMA7 (CL647-67817, Clone:1F2C6) (red), or 0.4 μg CoraLite® Plus 647 Mouse IgG1 Isotype Control (MOPC-21) (CL647-65124, Clone: MOPC-21) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.