

For Research Use Only

CoraLite® Plus 488-conjugated PSMA7 Monoclonal antibody



Catalog Number:CL488-67817

Basic Information

Catalog Number:

CL488-67817

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7821

GenBank Accession Number:

BC004427

GeneID (NCBI):

5688

UNIPROT ID:

O14818

Full Name:

proteasome (prosome, macropain)
subunit, alpha type, 7

Calculated MW:

28 kDa

Observed MW:

28-30 kDa

Purification Method:

Protein G purification

CloneNo.:

1F2C6

Recommended Dilutions:

WB 1:2000-1:16000

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

WB

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : MCF-7 cells, HeLa cells

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:

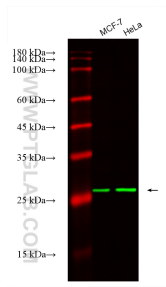
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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.