For Research Use Only

CoraLite® Plus 488-conjugated PSMD11 Recombinant monoclonal antibody

Catalog Number:CL488-86596-3

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL488-86596-3

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG6435

GenBank Accession Number:
BC000437

GeneID (NCBI):
5717

UNIPROT ID:
O00231

Full Name:
proteasome (prosome, macropain) 26S subunit, non-ATPase, 11

Calculated MW:
47 kDa

Observed MW:
47 kDa

Purification Method:
Protein A purification

CloneNo.:
251499B5

Recommended Dilutions:
IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC

Species Specificity:
human, mouse, rat

Positive Controls:

IF/ICC : MCF-7 cells,

Background Information

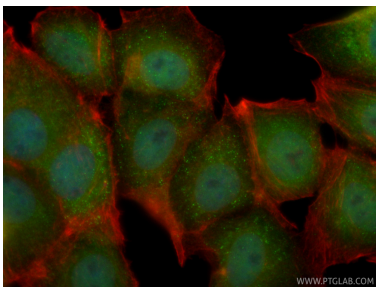
The 26 S proteasome is a 2.5-MDa molecular machine that degrades ubiquitinated proteins in eukaryotic cells. It consists of a proteolytic core particle and two 19 S regulatory particles (RPs) composed of 6 ATPase (RPT) and 13 non-ATPase (RPN) subunits. PSMD11 gene encodes 19S proteasome subunit RPN6. 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:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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).