

For Research Use Only

CoraLite® Plus 488-conjugated PSMA6 Monoclonal antibody



Catalog Number:CL488-67695

Basic Information

Catalog Number:

CL488-67695

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG21761

GenBank Accession Number:

BC023659

GeneID (NCBI):

5687

UNIPROT ID:

P60900

Full Name:

proteasome (prosome, macropain)
subunit, alpha type, 6

Calculated MW:

246 aa, 27 kDa

Observed MW:

30 kDa

Purification Method:

Protein A purification

CloneNo.:

1D4B2

Recommended Dilutions:

IF 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 nm

Applications

Tested Applications:

IF-P

Species Specificity:

Human, mouse, rat

Positive Controls:

IF : human lung cancer tissue,

Background Information

PSMA6 (Proteasome subunit alpha type-6) is also named as PROS27 and belongs to the peptidase T1A family. The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. It also has an ATP-dependent proteolytic activity.

Storage

Storage:

Store at -20°C. Avoid exposure to light.

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:

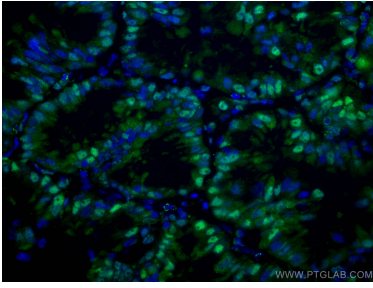
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human lung cancer tissue using CoraLite® Plus 488 PSMA6 antibody (CL488-67695, Clone: 1D4B2) at dilution of 1:200.