

For Research Use Only

CoraLite® Plus 488-conjugated ZMPSTE24 Recombinant antibody

Catalog Number: CL488-84547-2



Basic Information

Catalog Number:

CL488-84547-2

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33613

GenBank Accession Number:

BC037283

GeneID (NCBI):

10269

UNIPROT ID:

O75844

Full Name:

zinc metalloproteinase (STE24 homolog, *S. cerevisiae*)

Calculated MW:

475 aa, 55 kDa

Purification Method:

Protein A purification

CloneNo.:

241288C3

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : PC-3 cells,

Background Information

ZMPSTE24 (CAAX prenyl protease 1 homolog) gene encodes a zinc metalloproteinase involved in the processing of farnesylated proteins (PubMed: 10373325). The significance of ZMPSTE24 in human disease stems from its role as an enzyme necessary for the correct processing and maturation of lamin A, an intermediate filament component of the nuclear envelope (PubMed: 16297189).

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:

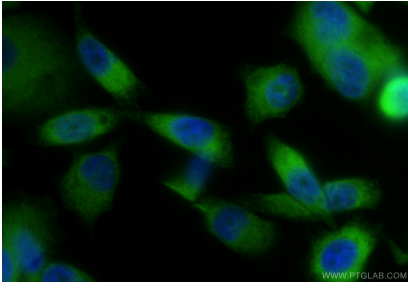
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 PC-3 cells using CoraLite® Plus 488 ZMPSTE24 antibody (CL488-84547-2, Clone: 241288C3) at dilution of 1:200.