

For Research Use Only

CoraLite® Plus 488-conjugated ZMPSTE24 Recombinant antibody

Catalog Number: CL488-84547-2



Basic Information

Catalog Number: CL488-84547-2	GenBank Accession Number: BC037283	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 10269	CloneNo.: 241288C3
Source: Rabbit	UNIPROT ID: O75844	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: zinc metalloproteinase (STE24 homolog, S. cerevisiae)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG33613	Calculated MW: 475 aa, 55 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : PC-3 cells,
Species Specificity: human	

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).

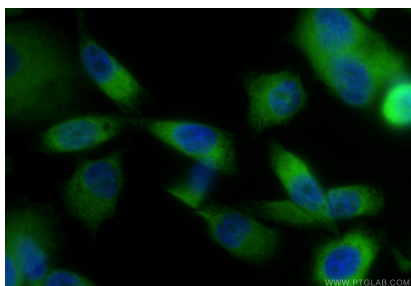
Storage

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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.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.