

For Research Use Only

ZMPSTE24 Recombinant antibody, PBS Only

Catalog Number: 84547-2-PBS



Basic Information

Catalog Number: 84547-2-PBS	GenBank Accession Number: BC037283	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 10269	CloneNo.: 241288C3
Source: Rabbit	UNIPROT ID: O75844	
Isotype: IgG	Full Name: zinc metalloproteinase (STE24 homolog, <i>S. cerevisiae</i>)	
Immunogen Catalog Number: AG33613	Calculated MW: 475 aa, 55 kDa	

Applications

Tested Applications:
IF/ICC, Indirect ELISA

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

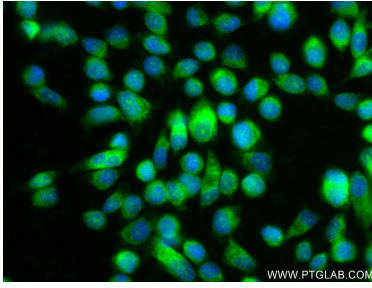
T: 4006900926

E: Proteintech-CN@ptglab.com

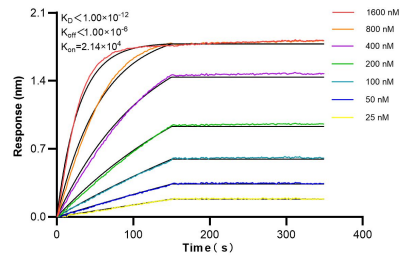
W: ptgcn.com

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 ZMPSTE24 antibody (84547-2-RR, Clone: 241288C3) at dilution of 1:250 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84547-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84547-2-RR against Human ZMPSTE24 were performed. The affinity constant is below 1 pM.