

For Research Use Only

ZMPSTE24 Recombinant antibody

Catalog Number: 84547-2-RR



Basic Information

Catalog Number: 84547-2-RR	GenBank Accession Number: BC037283	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10269	CloneNo.: 241288C3
Source: Rabbit	UNIPROT ID: O75844	Recommended Dilutions: IF/ICC 1:250-1:1000
Isotype: IgG	Full Name: zinc metalloproteinase (STE24 homolog, S. cerevisiae)	
Immunogen Catalog Number: AG33613	Calculated MW: 475 aa, 55 kDa	

Applications

Tested Applications: IF/ICC, ELISA	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

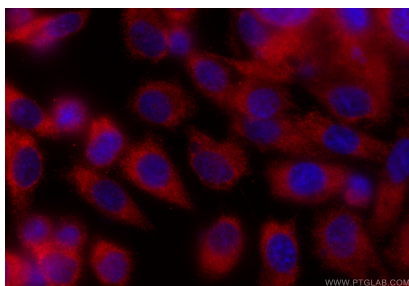
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

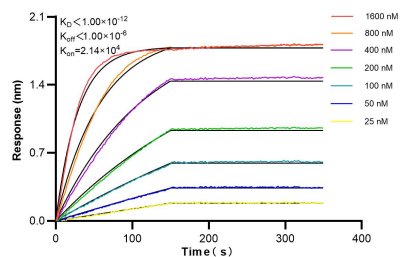
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 (-20°C Ethanol) fixed PC-3 cells using ZMPSTE24 antibody (84547-2-RR, Clone: 241288C3) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



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