

For Research Use Only

NPLOC4 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87535-4-PBS



Basic Information

Catalog Number: 87535-4-PBS	GenBank Accession Number: BC025930	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 55666	CloneNo.: 252885C10
Isotype: IgG	UNIPROT ID: Q8TAT6	
Immunogen Catalog Number: AG2219	Full Name: nuclear protein localization 4 homolog (S. cerevisiae)	
	Calculated MW: 608 aa, 68 kDa	
	Observed MW: 68-75 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

NPLOC4 (NPL4 ubiquitin recognition factor) is an essential protein involved in numerous cellular processes, especially those related to the endoplasmic reticulum (ER). It acts as a co-factor in the p97/VCP complex, which is vital for protein quality control and degradation via the ubiquitin-proteasome system. NPLOC4 plays a significant role in ER-associated degradation (ERAD), maintaining cellular homeostasis.

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, pH7.3

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

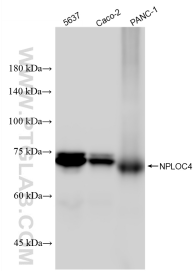
T: 4006900926

E: Proteintech-CN@ptglab.com

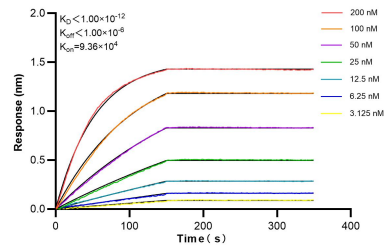
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87535-4-RR (NPLOC4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87535-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87535-4-RR against Human NPLOC4 were performed. The affinity constant is below 1 pM.