

For Research Use Only

YOD1 Recombinant antibody, PBS Only

Catalog Number: 84933-5-PBS



Basic Information

Catalog Number: 84933-5-PBS	GenBank Accession Number: BC137167	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55432	CloneNo.: 242498G6
Source: Rabbit	UNIPROT ID: Q5VVQ6	
Isotype: IgG	Full Name: YOD1 OTU deubiquinating enzyme 1 homolog (S. cerevisiae)	
Immunogen Catalog Number: AG21844	Calculated MW: 348 aa, 38 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

YOD1, also known as YOD1 deubiquitinase, belongs to the ovarian tumor (OTU) domain-containing family of deubiquitinating enzymes (DUBs), which play a crucial role in regulating cellular processes by removing ubiquitin molecules from target proteins. YOD1 is particularly involved in the endoplasmic reticulum-associated degradation (ERAD) pathway, where it assists in the clearance of misfolded proteins from the endoplasmic reticulum (ER) by modulating the ubiquitination status of ERAD components. (PMID: 40132762,19818707)

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

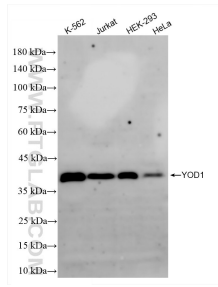
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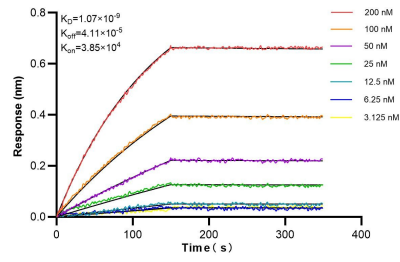
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84933-5-RR (YOD1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84933-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84933-5-RR against Human YOD1 were performed. The affinity constant is 1.07 nM.