

For Research Use Only

# YOD1 Recombinant antibody, PBS Only

Catalog Number: 84933-5-PBS



## Basic Information

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

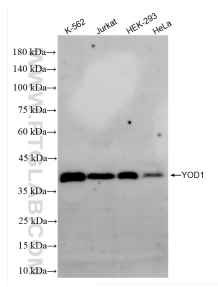
T: 4006900926

E: Proteintech-CN@ptglab.com

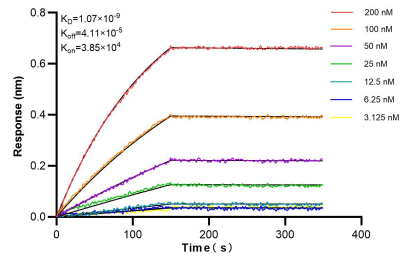
W: ptgcn.com

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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.