

For Research Use Only

# TRIM38 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87196-1-PBS



## Basic Information

<b>Catalog Number:</b> 87196-1-PBS	<b>GenBank Accession Number:</b> BC026930	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 10475	<b>CloneNo.:</b> 252271E8
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> O00635	
<b>Immunogen Catalog Number:</b> AG3840	<b>Full Name:</b> tripartite motif-containing 38	
	<b>Calculated MW:</b> 465 aa, 53 kDa	
	<b>Observed MW:</b> 53 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, rat

## Background Information

The proinflammatory cytokines TNF  $\alpha$  and IL-1  $\beta$  play central roles in many diseases, including infectious diseases, autoimmunity, and cancers. TRIM38 belongs to the TRIM protein family that is involved in various biological processes, including cell proliferation and apoptosis, innate immunity, and inflammatory response. It has been shown that TRIM38 acts as a suppressor in TOLL-like receptor (TLR)-mediated IFN-  $\beta$  induction by promoting degradation of TRAF6 and NAP1 through the ubiquitinproteasome system. (PMID:24434549).

## Storage

**Storage:**  
Store at  $-80^{\circ}\text{C}$ .  
**The product is shipped with ice packs. Upon receipt, store it immediately at  $-80^{\circ}\text{C}$**

**Storage Buffer:**  
PBS only, pH7.3

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

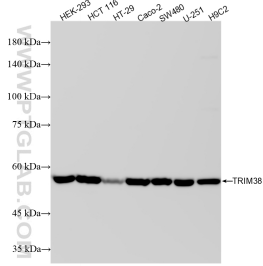
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

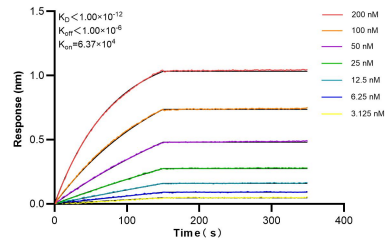
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87196-1-RR (TRIM38 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87196-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87196-1-RR against Human TRIM38 were performed. The affinity constant is below 1 pM.