

For Research Use Only

# TNFAIP8L2 Recombinant antibody

Catalog Number: 85759-4-RR



## Basic Information

<b>Catalog Number:</b> 85759-4-RR	<b>GenBank Accession Number:</b> BC063014	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 79626	<b>CloneNo.:</b> 250047D9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6P589	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:300-1:1200
<b>Isotype:</b> IgG	<b>Full Name:</b> tumor necrosis factor, alpha-induced protein 8-like 2	
<b>Immunogen Catalog Number:</b> AG7964	<b>Calculated MW:</b> 184 aa, 21 kDa	
	<b>Observed MW:</b> 18 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> THP-1 cells, HL-60 cells, RAW 264.7 cells, mouse spleen tissue, rat spleen tissue
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> mouse spleen tissue,

## Background Information

TIPE2 (TNF- $\alpha$ -inducible protein 8-like 2, or TNFAIP8L2), a negative immune regulator, is essential for maintaining immune homeostasis. TIPE2 shares considerable sequence homology with members of the tumor necrosis factor- $\alpha$ -inducible protein 8 (TNFAIP8) family, which are thought to regulate cellular and immune homeostasis. TIPE2 acts as a negative regulator of Toll-like receptor and T-cell receptor function and is preferentially expressed in lymphoid tissues. TIPE2 plays an essential role in a signal transduction pathway that links the inflammatory immune response to specific conditions after cerebral ischemia

## Storage

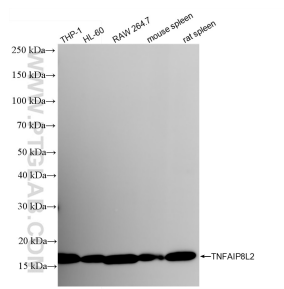
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

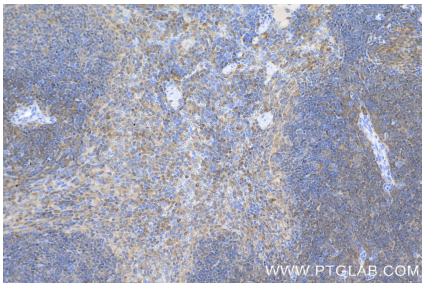
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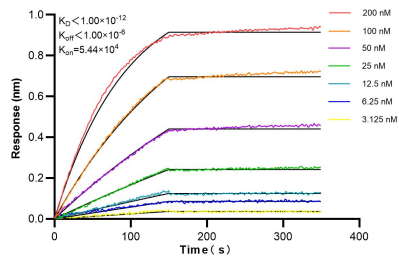
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85759-4-RR (TNFAIP8L2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 85759-4-RR (TNFAIP8L2 antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 85759-4-RR against Human TNFAIP8L2 were performed. The affinity constant is below 1 pM.