

For Research Use Only

Multi-rAb® TIPE2/TNFAIP8L2 Multi-Recombinant antibody

Catalog Number: RMX00083



Basic Information

Catalog Number: RMX00083	GenBank Accession Number: BC063014	Purification Method: N/A
Size: 100ul, Concentration: 1020 µg/ml by Nanodrop;	GeneID (NCBI): 79626	Recommended Dilutions: WB: 1:5000-1:50000
Source: Rabbit	UNIPROT ID: Q6P589	IHC: 1:400-1:1600
Isotype: IgG	Full Name: tumor necrosis factor, alpha-induced protein 8-like 2	IF/ICC: 1:50-1:500
	Calculated MW: 184 aa, 21 kDa	
	Observed MW: 18 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: THP-1 cells, RAW 264.7 cells, mouse spleen tissue, rat spleen tissue

IHC: mouse spleen tissue,

IF/ICC: HepG2 cells,

Background Information

TIPE2 (TNF- α -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- α -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

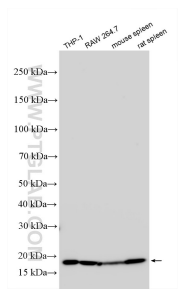
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

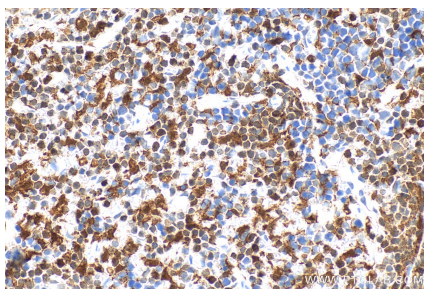
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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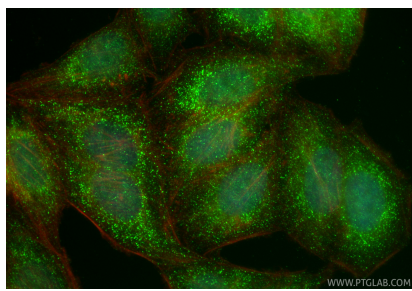
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with RMX00083 (TIPE2/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 RMX00083 (TIPE2/TNFAIP8L2 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using TIPE2/TNFAIP8L2 antibody (RMX00083) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).