

For Research Use Only

TOLLIP Recombinant antibody, PBS Only

Catalog Number: 84711-5-PBS



Basic Information

Catalog Number: 84711-5-PBS	GenBank Accession Number: BC012057	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 54472	CloneNo.: 242098E3
Source: Rabbit	UNIPROT ID: Q9HOE2	
Isotype: IgG	Full Name: toll interacting protein	
Immunogen Catalog Number: AG1864	Calculated MW: 30 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:
WB, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

TOLLIP (Toll interacting protein), is an inhibitory adaptor protein. Tollip is a negative regulator of IL-1R and Toll-like receptors signalling pathway, involved in inflammatory immune response and inhibiting IRAK1 phosphorylation and kinase activity (PMID:11441107, PMID:10854325, PMID:11751856). The TOLLIP-dependent selective autophagy pathway plays a role in clearance of cytotoxic polyQ proteins aggregates (PubMed:25042851).

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:

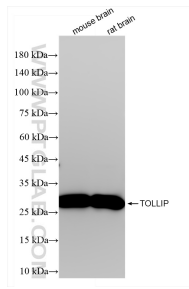
T: 4006900926

E: Proteintech-CN@ptglab.com

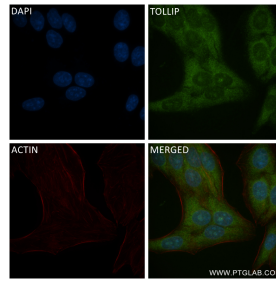
W: ptgcn.com

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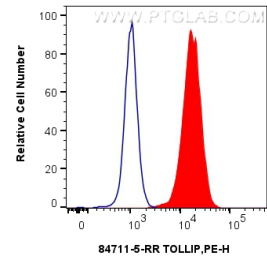
Selected Validation Data



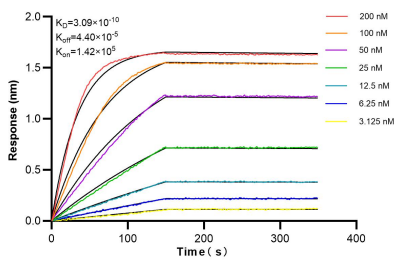
Various lysates were subjected to SDS PAGE followed by western blot with 84711-5-RR (TOLLIP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84711-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using TOLLIP antibody (84711-5-RR, Clone: 242098E3) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84711-5-PBS in a different storage buffer formulation.



1x10⁶ U2OS cells were intracellularly stained with 0.25 ug TOLLIP Recombinant antibody (84711-5-RR, Clone:242098E3) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 84711-5-PBS in a different storage buffer



Biolayer interferometry (BLI) kinetic assays of 84711-5-RR against Human TOLLIP were performed. The affinity constant is 0.309 nM.