

For Research Use Only

TLR3 Recombinant antibody

Catalog Number: 83136-3-RR



Basic Information

Catalog Number: 83136-3-RR	GenBank Accession Number: BC094737	Purification Method: Protein A purification
Size: 700 µg/ml	GeneID (NCBI): 7098	CloneNo.: 230445G4
Source: Rabbit	UNIPROT ID: O15455	Recommended Dilutions: WB 1:2000-1:14000
Isotype: IgG	Full Name: toll-like receptor 3	
Immunogen Catalog Number: AG34044	Calculated MW: 904 aa, 104 kDa	
	Observed MW: 120 kDa, 68 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, human placenta tissue
Species Specificity: Human	

Background Information

TLR3 belongs to the Toll-like receptor family which is important in the innate immune response to pathogens. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. TLR3 is a nucleotide-sensing TLR that is activated by double-stranded RNA. Upon recognition of dsRNA, TLR3 transmits signals via the adaptor protein TICAM-1/TRIF, leading to the induction of type I IFN, cytokine/chemokine production, and dendritic cell (DC) maturation (PMID: 18262679).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

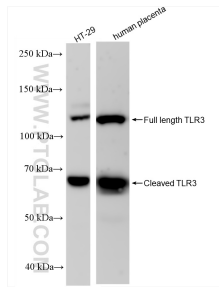
T: 4006900926

E: Proteintech-CN@ptglab.com

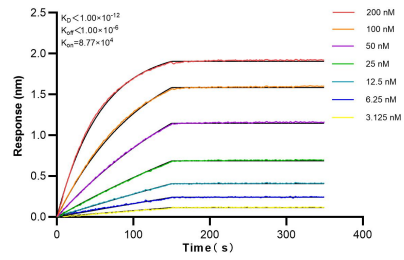
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83136-3-RR (TLR3 antibody) at dilution of 1:7000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83136-3-RR against Human TLR3 were performed. The affinity constant is below 1 pM.