## TLR6 Recombinant antibody, PBS Only (Detector)



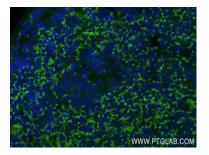
Catalog Number:84811-2-PBS

Basic Information	Catalog Number: 84811-2-PBS	GenBank Accession Number: BC 111755	Purification Method: Protein A purfication
	Size: 1 mg/ml	GenelD (NCBI): 10333	CloneNo.: 241926F2
	Source: Rabbit	UNIPROT ID: Q9Y2C9	24172012
	Isotype: IgG	Full Name: toll-like receptor 6	
		Calculated MW: 480 aa, 56 kDa	
Applications	Tested Applications: IF-P, Sandwich ELISA, Indirect ELISA, Sample test		
	Species Specificity: human, mouse		
Background Information	TLR6, also known as CD286, belongs to the Toll-like receptor (TLR) 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. TLR6 can form a heterodimer with TLR2. TLR6 and TLR2 are both recruited to the macrophage phagosome, where they recognize peptidoglycan, a Gram-positive pathogen component (PMID: 11095740). TLR6 interacts with CD36, following CD36 stimulation by oxLDL or amyloid-beta 42, and forms a heterodimer with TLR4. The trimeric complex is internalized and triggers an inflammatory response.		
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		

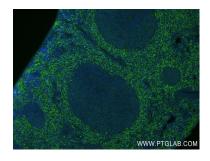
For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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

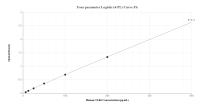
## Selected Validation Data



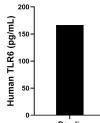
Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse spleen tissue using TLR6 antibody (84811-2-RR, Clone: 241926F2) at dilution of 1:400 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84811-2-PBS in a different storage buffer formulation.



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Sandwich ELISA standard curve of MP01727-1, Human TLR6 Recombinant Matched Antibody Pair -PBS only. 84811-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY02306. 84811-2-PBS was HRP conjugated as the detection antibody. Range: 6.25-400 pg/mL



Daudi

The mean TLR6 concentration was determined to be 166.5 pg/mL in Daudi cell extract based on a 1.8 mg/mL extract load.