

For Research Use Only

Anti-Human TLR3/CD283 Rabbit Recombinant Antibody



Catalog Number: 98016-2-RR

Basic Information

Catalog Number: 98016-2-RR	GenBank Accession Number: BC094737	Purification Method: Protein A purification
Size: 100ug, 1 mg/ml	GeneID (NCBI): 7098	CloneNo.: 230445G9
Source: Rabbit	UNIPROT ID: O15455	
Isotype: IgG	Full Name: toll-like receptor 3	
Immunogen Catalog Number: AG34044	Calculated MW: 904 aa, 104 kDa	

Applications

Tested Applications:
FC

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 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

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

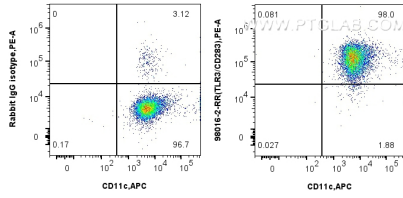
T: 4006900926

E: Proteintech-CN@ptglab.com

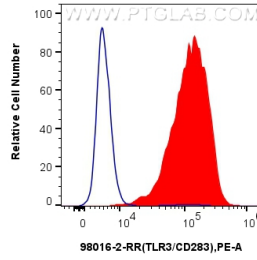
W: ptgcn.com

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Selected Validation Data



1x10⁶ human monocyte-derived immature dendritic cells were intracellularly stained with 0.25 ug Anti-Human TLR3/CD283 Rabbit Recombinant Antibody (98016-2-RR, Clone: 230445G9) or 0.25 ug Isotype Control and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Human CD11c. Cells were incubated with FC Receptor Block prior to fixing and staining. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm



1x10⁶ human monocyte-derived immature dendritic cells were intracellularly stained with 0.25 ug Anti-Human TLR3/CD283 Rabbit Recombinant Antibody (98016-2-RR, Clone: 230445G9) (red) or 0.25 ug Isotype Control (blue) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Human CD11c. Cells were incubated with FC Receptor Block prior to fixing and staining. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry