

For Research Use Only

# Anti-Human TLR3/CD283 Rabbit Recombinant Antibody



Catalog Number: 98016-1-RR

## Basic Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>98016-1-RR        | <b>GenBank Accession Number:</b><br>BC094737 | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug, 1000 µg/ml           | <b>GeneID (NCBI):</b><br>7098                | <b>CloneNo.:</b><br>230445F1                          |
| <b>Source:</b><br>Rabbit                    | <b>UNIPROT ID:</b><br>O15455                 |   |
| <b>Isotype:</b><br>IgG                      | <b>Full Name:</b><br>toll-like receptor 3    |   |
| <b>Immunogen Catalog Number:</b><br>AG34044 | <b>Calculated MW:</b><br>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:

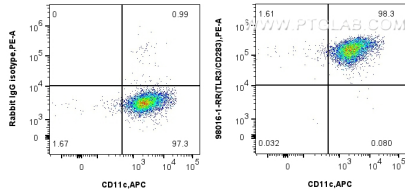
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

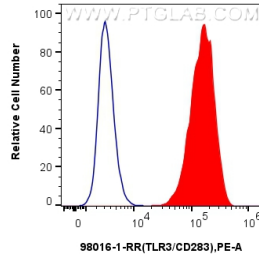
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> human monocyte-derived immature dendritic cells were intracellularly stained with 0.25 ug Anti-Human TLR3/CD283 Rabbit Recombinant Antibody (98016-1-RR, Clone: 230445F1) or 0.25 ug Isotype Control and PE-conjugated Goat Anti-Rabbit IgG. Cells were then stained with APC anti-human CD11b. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1x10<sup>6</sup> human monocyte-derived immature dendritic cells were intracellularly stained with 0.25 ug Anti-Human TLR3/CD283 Rabbit Recombinant Antibody (98016-1-RR, Clone: 230445F1) (red) or 0.25 ug Isotype Control (blue) and PE-conjugated Goat Anti-Rabbit IgG. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).