

For Research Use Only

Anti-Human TLR3/CD283 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98016-2-PBS



Basic Information

Catalog Number:

98016-2-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34044

GenBank Accession Number:

BC094737

GeneID (NCBI):

7098

UNIPROT ID:

O15455

Full Name:

toll-like receptor 3

Calculated MW:

904 aa, 104 kDa

Purification Method:

Protein A purification

CloneNo.:

230445G9

Applications

Tested Applications:

FC (Intra)

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 -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:

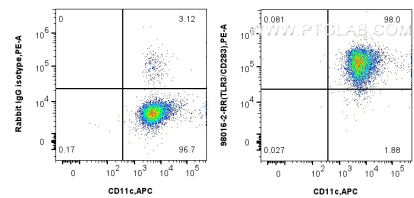
T: 4006900926

E: Proteintech-CN@ptglab.com

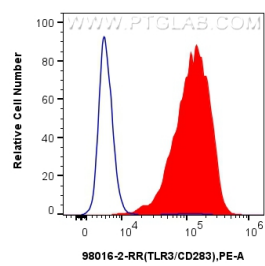
W: ptgcn.com

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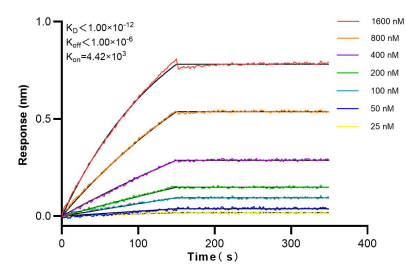
Selected Validation Data



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



Biolayer interferometry (BLI) kinetic assays of 98016-2-RR against Human TLR3/CD283 were performed. The affinity constant is below 1 pM.