

For Research Use Only

FcZero-rAb™ Biotin Anti-Human TLR3/CD283 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98016



Basic Information

Catalog Number:

Biotin-FcA98016

Concentration:

100ug, 500 ug/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.:

230445F1

Recommended Dilutions:

FC (Intra): 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

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Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Positive Controls:

FC (Intra) : Human immature monocyte-derived dendritic cells,

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

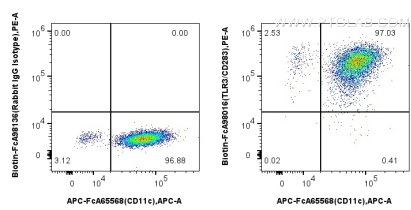
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Selected Validation Data



1x10⁶ Human immature monocyte-derived dendritic cells were intracellularly stained with 0.25 ug Biotin Anti-Human TLR3/CD283 Rabbit RecAb (Biotin-FcA98016, Clone: 230445F1) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and PE-conjugated streptavidin. Cells were co-stained with FcZero-rAb™ APC Anti-Human CD11c (3.9). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm