

For Research Use Only

# FcZero-rAb® CoraLite® Plus 488 Anti-Human TLR3/CD283 Rabbit Recombinant Antibody

Catalog Number: CL488-FcA98016



## Basic Information

Catalog Number:

CL488-FcA98016

Concentration:

100 tests, 5 ul/test

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): 5 ul per  $10^6$  cells in a 100  $\mu$ l suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Positive Controls:

FC (Intra): human monocyte-derived immature 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:

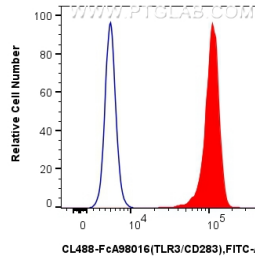
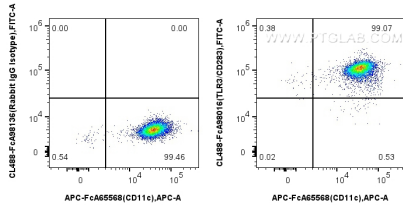
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## Selected Validation Data



1x10<sup>6</sup> human monocyte-derived immature dendritic cells were intracellularly stained with 5 ul CoraLite® Plus 488 Anti-Human TLR3/CD283 Rabbit RecAb (CL488-FcA98016, Clone:230445F1) or FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9). Cells were co-stained with FcZero-rAb® APC Anti-Human CD11c (3.9). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation



1x10<sup>6</sup> human monocyte-derived immature dendritic cells were intracellularly stained with 5 ul CoraLite® Plus 488 Anti-Human TLR3/CD283 Rabbit RecAb (CL488-FcA98016, Clone:230445F1) (red) or FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).