

For Research Use Only

# CoraLite® Plus 488 Anti-Human TLR3/CD283 Rabbit scFv Antibody

Catalog Number: CL488-SF98016



## Basic Information

Catalog Number:

CL488-SF98016

Source:

Rabbit

Type:

scFv

Immunogen Catalog Number:

AG34044

GenBank Accession Number:

BC094737

GeneID (NCBI):

7098

Full Name:

toll-like receptor 3

Calculated MW:

904 aa, 104 kDa

Purification Method:

Affinity purification

CloneNo.:

230445F1

Recommended Dilutions:

FC (Intra): 0.25 ug per 10<sup>6</sup> cells in a 100 µl 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:

50mM HEPES, 150mM NaCl, 5mM EDTA, 0.1% CHAPS, 10% Sucrose and 0.1% Proclin300, pH7.3

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

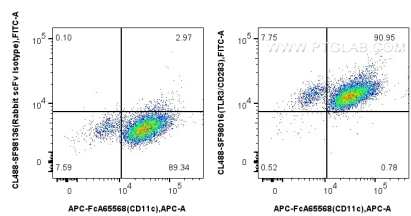
T: 4006900926

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

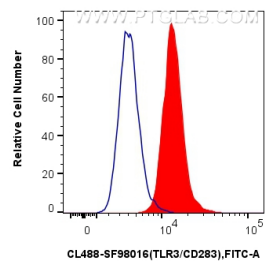
W: [ptgcn.com](http://ptgcn.com)

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Selected Validation Data



1x10<sup>6</sup> human monocyte-derived immature dendritic cells were intracellularly stained with FcZero-rAb® APC Anti-Human CD11c (3.9), and 0.25 ug CoraLite® Plus 488 Anti-Human TLR3/CD283 Rabbit scFv Antibody (CL488-SF98016, Clone: 230445F1) or 0.25 ug CoraLite® Plus 488 Rabbit scFv Isotype Control (CL488-SF98136, Clone: 240953C9). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).



1x10<sup>6</sup> human monocyte-derived immature dendritic cells were intracellularly stained with 0.25 ug CoraLite® Plus 488 Anti-Human TLR3/CD283 Rabbit scFv Antibody (CL488-SF98016, Clone: 230445F1) (red) or 0.25 ug CoraLite® Plus 488 Rabbit scFv Isotype Control (CL488-SF98136, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).