

For Research Use Only

CoraLite® Plus 750 Anti-Human TLR3/CD283 Rabbit Recombinant Antibody

Catalog Number: CL750-98016-2



Basic Information

Catalog Number:

CL750-98016-2

Size:

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.:

230445G9

Excitation/Emission maxima wavelengths:

755 nm / 780 nm

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 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.

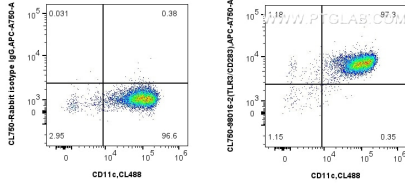
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

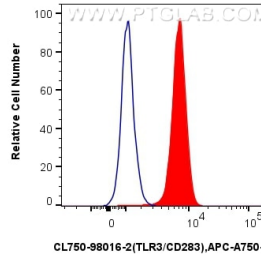
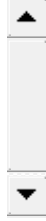
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human monocyte-derived immature dendritic cells were intracellularly stained with 5 ul CoraLite® Plus 750 Anti-Human TLR3/CD283 Rabbit Recombinant Antibody (CL750-98016-2, Clone: 230445G9) (right), or Isotype Control (left). Cells were co-stained with CoraLite® Plus 488 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 Buffer (PF00011-C).



1x10⁶ human monocyte-derived immature dendritic cells were intracellularly stained with 5 ul CoraLite® Plus 750 Anti-Human TLR3/CD283 Rabbit Recombinant Antibody (CL750-98016-2, Clone: 230445G9) (red), or Isotype Control (blue). Cells were incubated with FC Receptor Block prior to fixing and staining. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).