

For Research Use Only

FcZero-rAb® CoraLite® Plus 594 Anti-Human TLR3/CD283 Rabbit Recombinant Antibody

Catalog Number: CL594-FcA98016



Basic Information

Catalog Number: CL594-FcA98016	GenBank Accession Number: BC094737	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 7098	CloneNo.: 230445F1
Source: Rabbit	UNIPROT ID: O15455	Recommended Dilutions: FC (Intra): 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: toll-like receptor 3	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG34044	Calculated MW: 904 aa, 104 kDa	

Applications

Tested Applications: FC (Intra)	Positive Controls: FC (Intra): human monocyte-derived immature dendritic cells,
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, pH7.3

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

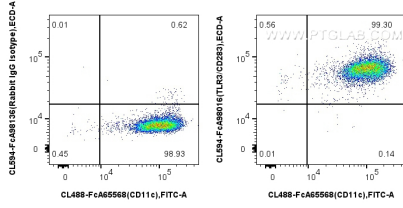
T: 4006900926

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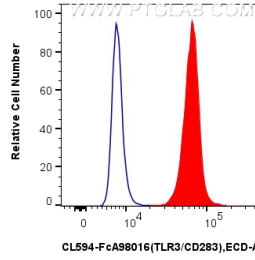
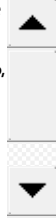
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Selected Validation Data



1x10⁶ human monocyte-derived immature dendritic cells were intracellularly stained with 5 ul CoraLite® Plus 594 Anti-Human TLR3/CD283 Rabbit RecAb (CL594-FcA98016, Clone:230445F1) or FcZero-rAb® CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (CL594-FcA98136, Clone: 240953C9). Cells were co-stained with FcZero-rAb® CoraLite® Plus 488 Anti-Human CD11c (3.9). Cells were fixed and permeabilized with Intracellular Flow



1x10⁶ human monocyte-derived immature dendritic cells were intracellularly stained with 5 ul CoraLite® Plus 594 Anti-Human TLR3/CD283 Rabbit RecAb (CL594-FcA98016, Clone:230445F1) (red) or FcZero-rAb® CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (CL594-FcA98136, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).