

For Research Use Only

# FcZero-rAb® APC-Cyanine7 Anti-Human TLR3/CD283 Rabbit Recombinant Antibody

Catalog Number:AY7-FcA98016



## Basic Information

<b>Catalog Number:</b> AY7-FcA98016	<b>GenBank Accession Number:</b> BC094737	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100tests , 5 ul/test	<b>GeneID (NCBI):</b> 7098	<b>CloneNo.:</b> 230445F1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O15455	<b>Recommended Dilutions:</b> FC (Intra): 5 ul per 10 <sup>6</sup> cells in a 100 µl suspension
<b>Isotype:</b> IgG	<b>Full Name:</b> toll-like receptor 3	<b>Excitation/Emission maxima wavelengths:</b> 650 nm / 778 nm
<b>Immunogen Catalog Number:</b> AG34044	<b>Calculated MW:</b> 904 aa, 104 kDa	

## Applications

<b>Tested Applications:</b> FC (Intra)	<b>Positive Controls:</b> FC (Intra) : human monocyte-derived immature dendritic cells,
<b>Species Specificity:</b> 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

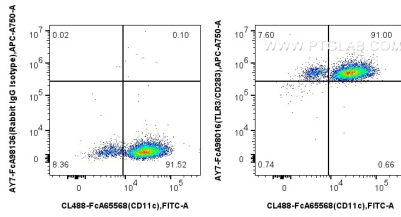
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> human monocyte-derived immature dendritic cells were intracellularly stained with 5 ul APC-Cyanine7 Anti-Human TLR3/CD28<sup>3</sup> Rabbit RecAb (AY7-FcA98016, Clone: 230445F1) or FcZero-rAb<sup>®</sup> APC-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (AY7-FcA98136, Clone: 240953C9). 1x10<sup>6</sup> human monocyte-derived immature dendritic cells were co-stained with FcZero-rAb<sup>®</sup> CoraLite<sup>®</sup> Plus 488 Anti-Human CD11c (3.9). Cells were

