

For Research Use Only

# CoraLite®594 Anti-Human TLR3/CD283 Rabbit Recombinant Antibody

Catalog Number: CL594-98016-2



## Basic Information

<b>Catalog Number:</b> CL594-98016-2	<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> 230445G9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O15455	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> toll-like receptor 3	
<b>Immunogen Catalog Number:</b> AG34044	<b>Calculated MW:</b> 904 aa, 104 kDa	

## 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:

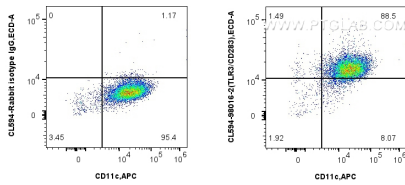
T: 4006900926

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

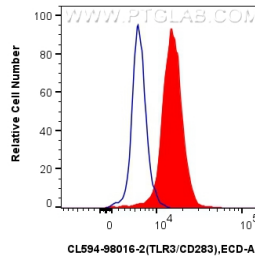
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> human monocyte-derived immature dendritic cells were intracellularly stained with 5 ul CoraLite®594 Anti-Human TLR3/CD283 Rabbit Recombinant Antibody (CL594-98016-2, Clone:230445G9) (right), or Isotype Control (left). Cells were co-stained with APC 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).



1x10<sup>6</sup> human monocyte-derived immature dendritic cells were intracellularly stained with 5 ul CoraLite®594 Anti-Human TLR3/CD283 Rabbit Recombinant Antibody (CL594-98016-2, 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).