

For Research Use Only

FcZero-rAb™ PE Anti-Human TLR3/CD283 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98016



Basic Information

Catalog Number: PE-FcA98016	GenBank Accession Number: BC094737	Purification Method: Protein A purification
Size: 100tests, 5 ul/test	GeneID (NCBI): 7098	CloneNo.: 230445F1
Source: Rabbit	Full Name: toll-like receptor 3	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG	Calculated MW: 904 aa, 104 kDa	
Immunogen Catalog Number: AG34044		

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:

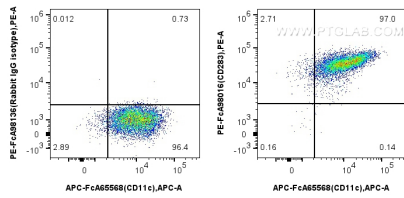
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human monocyte-derived immature dendritic cells were intracellularly stained with APC Anti-Human CD11c and 5 ul PE Anti-Human TLR3/CD283 Rabbit Recombinant Antibody (PE-FcA98016, Clone: 230445F1), or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-FcA98136, Clone: 240953C9). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).