

For Research Use Only

FcZero-rAb™ Biotin Anti-Mouse ICOS/CD278 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98341



Basic Information

Catalog Number: Biotin-FcA98341	GenBank Accession Number: NM_017480.2	Purification Method: Protein A purification
Size: 100ug , 500 ug/ml	GeneID (NCBI): 54167	CloneNo.: 242639C3
Source: Rabbit	UNIPROT ID: Q9WVS0	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: inducible T-cell co-stimulator	Excitation/Emission maxima wavelengths: -
Immunogen Catalog Number: EG3198	Calculated MW: 23kDa	

Applications

Tested Applications: FC	Positive Controls: FC : Anti-CD3/CD28 treated BALB/c spleen cells,
Species Specificity: mouse	

Background Information

Inducible T cell co-stimulator (ICOS) is related to the CD28 superfamily and is highly expressed on activated T cells as well as regulatory T cells and is crucial for the survival and function of T cells, Th2 cell differentiation, and lung inflammatory responses. Binding ICOS to ICOS-ligand (ICOS-L) activates a cascade of intracellular signaling molecules that prevent apoptosis and lead to the production of cytokines such as IL-4 and IL-13.

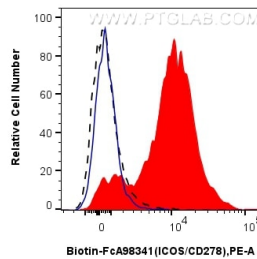
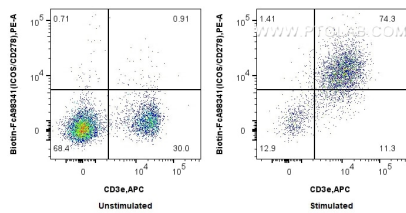
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

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
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Selected Validation Data



1x10⁶ untreated or anti-CD3/CD28 treated BALB/c spleen cells were surface stained with 0.25 ug Biotin Anti-Mouse ICOS/CD278 Rabbit RecAb (Biotin-FcA98341, Clone: 242639C3) and PE Streptavidin (Cat.No. PF00021). Cells were co-stained with FcZero-rAb™ APC Anti-Mouse CD3e (145-2C11) Rabbit IgG Recombinant Antibody (APC-FcA65651, Clone: 145-2C11). Cells were not fixed.

1x10⁶ anti-CD3/CD28 treated BALB/c spleen cells were surface stained with 0.25 ug Biotin Anti-Mouse ICOS/CD278 Rabbit RecAb (Biotin-FcA98341, Clone: 242639C3) (red) or or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and PE Streptavidin (Cat.No. PF00021). 1x10⁶ BALB/c spleen cells were surface stained with 0.25 ug Biotin Anti-Mouse ICOS/CD278 Rabbit RecAb (Biotin-FcA98341,

