

For Research Use Only

Anti-Mouse ICOS/CD278 Rabbit Recombinant Antibody

Catalog Number: 98341-1-RR



Basic Information

Catalog Number:

98341-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3198

GenBank Accession Number:

NM_017480.2

GeneID (NCBI):

54167

UNIPROT ID:

Q9WVS0

Full Name:

inducible T-cell co-stimulator

Calculated MW:

23kDa

Purification Method:

Protein A purification

CloneNo.:

242639C3

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : Anti-CD3/CD28 treated BALB/c spleen cells,

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. 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:

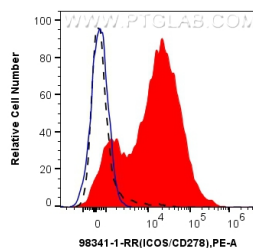
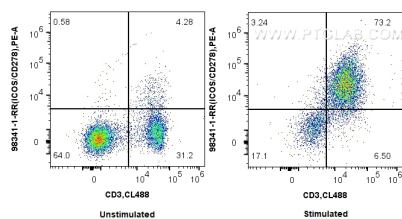
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Selected Validation Data



1x10⁶ untreated or anti-CD3/CD28 treated BALB/c spleen cells were surface stained with 0.25 ug Anti-Mouse ICOS/CD278 Rabbit RecAb (98341-1-RR, Clone: 242639C3) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 488 Anti-Mouse CD3. Cells were not fixed.

1x10⁶ anti-CD3/CD28 treated BALB/c spleen cells were surface stained with 0.25 ug Anti-Mouse ICOS/CD278 Rabbit RecAb (98341-1-RR, Clone: 242639C3) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). 1x10⁶ untreated BALB/c spleen cells were surface stained with 0.25 ug Anti-Mouse ICOS/CD278 Rabbit RecAb (98341-1-RR, Clone: 242639C3) (black, dashed) and PE-Conjugated Goat Anti-Rabbit