

For Research Use Only

# FcZero-rAb™ APC Anti-Human ICOS/CD278 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98214



## Basic Information

Catalog Number:

APC-FcA98214

Size:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1642

GenBank Accession Number:

BC028210

GeneID (NCBI):

29851

Full Name:

inducible T-cell co-stimulator

Calculated MW:

199 aa, 23 kDa

Purification Method:

Protein A purification

CloneNo.:

241770G11

Recommended Dilutions:

FC: 5 µl per 10<sup>6</sup> cells in 100 µl suspension

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : PHA treated human PBMCs,

## 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 and 0.5% BSA, pH7.3

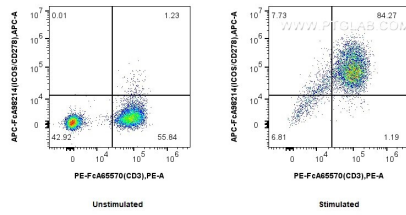
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> untreated or PHA-treated human PBMCs were surface stained with 5 ul APC Anti-Human ICOS/CD278 Rabbit RecAb (APC-FcA98214, Clone: 241770G11) and FcZero-rAb™ PE Anti-Human CD3 (UCHT1) Rabbit IgG Recombinant Antibody (PE-FcA65570, Clone: UCHT1). Cells were not fixed.