

For Research Use Only

Anti-Human ICOS/CD278 Rabbit scFv Antibody

Catalog Number: **SF98214-1-RR**



Basic Information

Catalog Number:

SF98214-1-RR

Source:

Rabbit

Type:

scFv

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:

Affinity purification

CloneNo.:

241770G11

Recommended Dilutions:

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

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. Stable for one year after shipment.

Storage Buffer:

50mM HEPES, 150mM NaCl, 5mM EDTA, 2mM TCEP, 5% Trehalose, 0.01% Proclin300, pH7.3

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

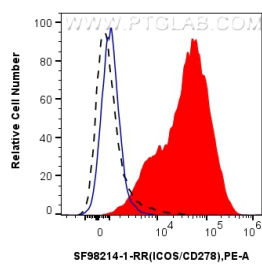
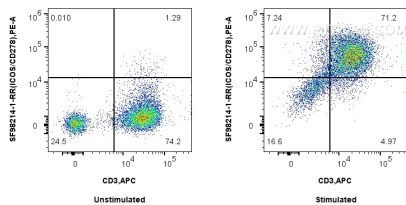
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



1x10⁶ untreated or PHA-treated human PBMCs were surface stained with 0.25 ug Anti-Human ICOS/CD278 Rabbit scFv Antibody (SF98214-1-RR, Clone: 241770G11) and PE Anti-6^{His}, His-Tag Rabbit RecAb (PE-FcA98450, Clone: 251107A1). Cells were then stained with APC Anti-Human CD3 (OKT3) Mouse IgG2a Recombinant Antibody (APC-65569, Clone: OKT3). Cells were not fixed.

1x10⁶ PHA-treated human PBMCs were surface stained with 0.25 ug Anti-Human ICOS/CD278 Rabbit scFv Antibody (SF98214-1-RR, Clone: 241770G11) (red) or 0.25 ug Rabbit scFv Isotype Control (SF98136-1-RR, Clone: 240953C9) (blue), and PE Anti-6^{His}, His-Tag Rabbit RecAb (PE-FcA98450, Clone: 251107A1). 1x10⁶ untreated human PBMCs were surface stained with 0.25 ug Anti-Human ICOS/CD278 Rabbit scFv Antibody

