

For Research Use Only

Anti-Human ICOS/CD278 Rabbit scFv Antibody

Catalog Number: SF98214-1-RR



Basic Information

Catalog Number: SF98214-1-RR	GenBank Accession Number: BC028210	Purification Method: Affinity purification
Size: 100ug , Concentration: 1000 ug/ml by 29851 Nanodrop;	GeneID (NCBI): 29851	CloneNo.: 241770G11
Source: Rabbit	Full Name: inducible T-cell co-stimulator	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Type: scFv	Calculated MW: 199 aa, 23 kDa	
Immunogen Catalog Number: EG1642		

Applications

Tested Applications: FC	Positive Controls: FC : PHA treated human PBMCs,
Species Specificity: human	

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

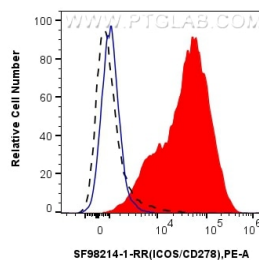
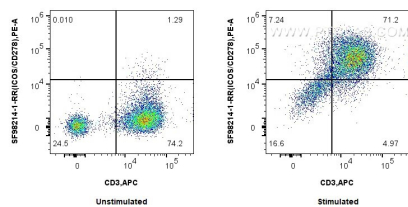
Storage:
Store at 2-8°C. Stable for one year after shipment.
Storage Buffer:
50mM HEPES, 150mM NaCl, 5mM EDTA, 2mM TCEP, 5% Trehalose, 0.01% Proclin300, pH7.3

*** 20ul sizes contain 0.1% 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



1×10^6 untreated or PHA-treated human PBMCs were surface stained with 0.25 μ g 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.

1×10^6 PHA-treated human PBMCs were surface stained with 0.25 μ g Anti-Human ICOS/CD278 Rabbit scFv Antibody (SF98214-1-RR, Clone: 241770G11) (red) or 0.25 μ g Rabbit scFv Isotype Control (SF98136-1-RR, Clone: 240953C9) (blue), and PE Anti-6^{His}, His-Tag Rabbit RecAb (PE-FcA98450, Clone: 251107A1). 1×10^6 untreated human PBMCs were surface stained with 0.25 μ g Anti-Human ICOS/CD278 Rabbit scFv Antibody

