

For Research Use Only

Anti-Human ICOS/CD278 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98214-1-PBS



Basic Information

Catalog Number:

98214-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC028210

GeneID (NCBI):

29851

UNIPROT ID:

Q9Y6W8

Full Name:

inducible T-cell co-stimulator

Calculated MW:

199 aa, 23 kDa

Purification Method:

Protein A purification

CloneNo.:

241770G11

Applications

Tested Applications:

FC

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

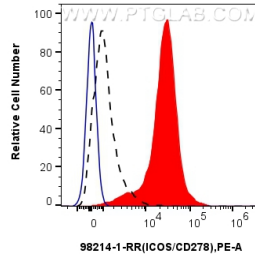
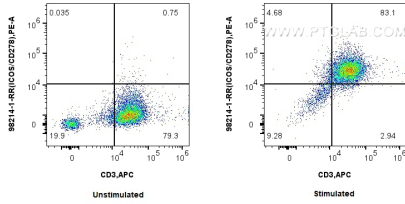
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated or PHA treated human PBMCs were surface stained with 0.25 ug Anti-Human ICOS/CD278 Rabbit Recombinant Antibody (98214-1-RR, Clone: 241770G11) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with APC Anti-Human CD3 (OKT3) Mouse IgG2a Recombinant Antibody (APC-65569, Clone: OKT3). Cells were not fixed. This data was developed using the same antibody clone with 98214-1-PBS in a different storage buffer formulation.

1x10⁶ PHA treated human PBMCs were surface stained with 0.25 ug Anti-Human ICOS/CD278 Rabbit Recombinant Antibody (98214-1-RR, Clone: 241770G11) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). 1x10⁶ untreated human PBMCs were surface stained with 0.25 ug Anti-Human ICOS/CD278 Rabbit Recombinant Antibody (98214-1-RR, Clone: 241770G11) (black,