

For Research Use Only

Anti-Human ICOS/CD278 Rabbit Recombinant Antibody

Catalog Number: 98214-1-RR



Basic Information

Catalog Number: 98214-1-RR	GenBank Accession Number: BC028210	Purification Method: Protein A purification
Size: 100ug, 1000 µg/ml	GeneID (NCBI): 29851	CloneNo.: 241770G11
Source: Rabbit	UNIPROT ID: Q9Y6W8	
Isotype: IgG	Full Name: inducible T-cell co-stimulator	
	Calculated MW: 199 aa, 23 kDa	

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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

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

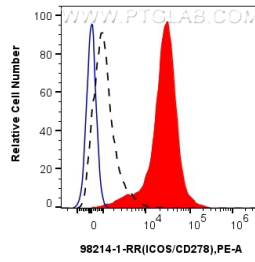
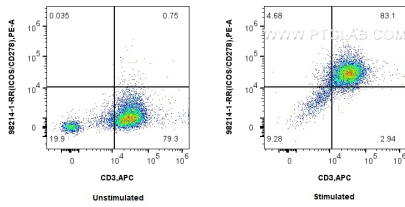
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.

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,

