

For Research Use Only

CoraLite® Plus 647 Anti-Human ICOS/CD278 Rabbit Recombinant Antibody

Catalog Number: CL647-98214



Basic Information

Catalog Number: CL647-98214	GenBank Accession Number: BC028210	Purification Method: Protein A purification
Size: 100tests , 5 ul/test	GeneID (NCBI): 29851	CloneNo.: 241770G11
Source: Rabbit	UNIPROT ID: Q9Y6W8	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: inducible T-cell co-stimulator	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: EG1642	Calculated MW: 199 aa, 23 kDa	

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. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

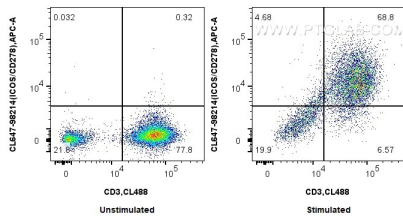
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

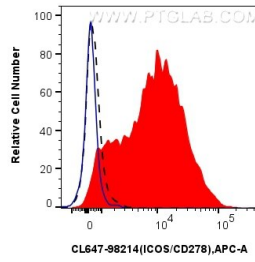
E: proteintech@ptglab.com
W: ptglab.com

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 CoraLite® Plus 488 Anti-Human CD3 and 5 ul CoraLite® Plus 647 Anti-Human ICOS/CD278 Rabbit RecAb (CL647-98214, Clone: 241770G11). Cells were not fixed.



1x10⁶ PHA treated human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human ICOS/CD278 Rabbit RecAb (CL647-98214, Clone: 241770G11) (red) or CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-98136, Clone: 240953C9) (blue). 1x10⁶ untreated human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human ICOS/CD278 Rabbit RecAb (CL647-98214, Clone: 241770G11) (black, dashed).

