

For Research Use Only

ICOS/CD278 Recombinant antibody

Catalog Number: 85035-2-RR



Basic Information

Catalog Number:

85035-2-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_017480.2

GeneID (NCBI):

54167

UNIPROT ID:

Q9WVS0

Full Name:

inducible T-cell co-stimulator

Calculated MW:

23kDa

Observed MW:

23 kDa

Purification Method:

Protein A purification

CloneNo.:

242639D5

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse thymus tissue, rat thymus tissue, mouse spleen tissue, C2C12 cells, Jurkat cells

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

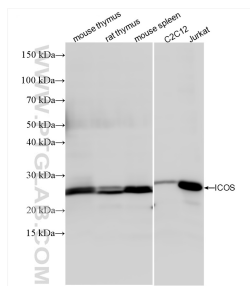
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85035-2-RR (ICOS antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.