

ICOS Polyclonal Antibody

Catalog number: 13338-1-AP

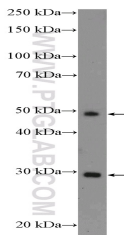
Size: 23 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

ICOS; AILIM, CD278, ICOS,
inducible T cell co stimulator,
Inducible T cell costimulator



Jurkat cells were subjected to SDS PAGE followed by western blot with 13338-1-AP (ICOS Antibody) at dilution of 1:300

Background

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 for 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. Catalog#13338-1-AP recognises two band of 25-30 kDa and 45-50 kDa, and the additional 45-50 kDa band may be due to glycosylation.

Applications

Tested applications:	ELISA, WB
Species specificity:	Human; other species not tested.
Calculated ICOS MW:	199aa, 23 kDa
Observed ICOS MW:	28 kDa, 45-50 kDa
Positive WB detected in	Jurkat cells, HL-60 cells
Recommended dilution:	WB: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4155
GenBank accession number:	BC028210
Gene ID (NCBI):	29851
Full name:	Inducible T-cell co-stimulator

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.