

For Research Use Only

# ICOS Polyclonal antibody, PBS Only

Catalog Number:13338-1-PBS



## Basic Information

<b>Catalog Number:</b> 13338-1-PBS	<b>GenBank Accession Number:</b> BC028210	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 29851	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y6W8	
<b>Isotype:</b> IgG	<b>Full Name:</b> inducible T-cell co-stimulator	
<b>Immunogen Catalog Number:</b> AG4155	<b>Calculated MW:</b> 199 aa, 23 kDa	
	<b>Observed MW:</b> 28 kDa, 45-50 kDa	

## Applications

**Tested Applications:**  
WB, IF-P, Indirect ELISA

**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. Catalog#13338-1-AP recognizes two bands of 25-30 kDa and 45-50 kDa, and the additional 45-50 kDa band may be due to surface disulfide-linked homodimeric glycoprotein.

## 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:

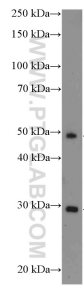
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

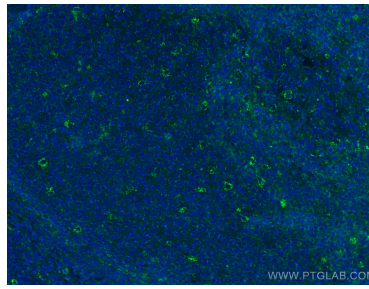
W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 13338-1-AP (ICOS Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13338-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using ICOS antibody (13338-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13338-1-PBS in a different storage buffer formulation.