

## ICOS ligand Rabbit pAb

Catalog Number: bs-2471R

Target Protein: ICOS ligand

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), Flow-Cyt (1µg/Test)

Reactivity: Human (predicted:Rat)

Predicted MW: 34 kDa

Entrez Gene: 23308

Swiss Prot: O75144

Source: KLH conjugated synthetic peptide derived from human ICOS ligand: 19-120/302.

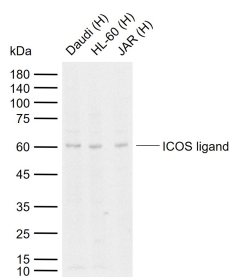
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

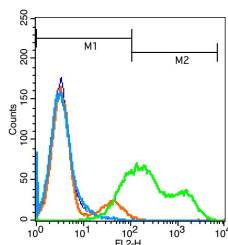
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** ICOS ligand is a member of the B7 family and the immunoglobulin superfamily. Human ICOS ligand is expressed by activated monocytes/macrophages and dendritic cells. It binds to a CD28 like receptor, inducible costimulator molecule (ICOS, AILIM, CRP-1), which is expressed by activated T cells. This interaction plays an important role in the T cell costimulation pathway.

### VALIDATION IMAGES



Sample: Lane 1: Human Daudi cell lysates Lane 2: Human HL-60 cell lysates Lane 3: Human JAR cell lysates  
Primary: Anti-ICOS ligand (bs-2471R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kDa Observed band size: 60 kDa



Blank control(Blue):Jurkat cells (fixed with 2% paraformaldehyde (10 min)). Primary Antibody:Rabbit Anti-ICOS ligand antibody(bs-2471R), Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG(orange),used under the same conditions ); Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA. Protocol The cells were fixed with 2% paraformaldehyde (10 min). Primary antibody (bs-2471R, 1µg /1x10<sup>6</sup> cells) were incubated for 30 min on the ice, followed by 1 X PBS containing 0.5% BSA + 1 0% goat serum (15 min) to block non-specific protein-protein interactions. Then the Goat Anti-rabbit IgG/PE antibody was added into the blocking buffer mentioned above to react with the primary antibody at 1/200 dilution for 30 min on ice. Acquisition of 20,000 events was performed.

## PRODUCT SPECIFIC PUBLICATIONS

[IF=1.26] Ma et al. Effect of follicular helper T cells on the pathogenesis of asthma. (2017) Exp.Ther.Me. 14:967-972 WB ; Mouse . 28810548