

**bs-2471R****[ Primary Antibody ]****ICOS ligand Rabbit pAb**

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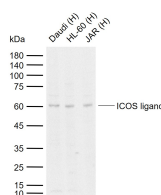
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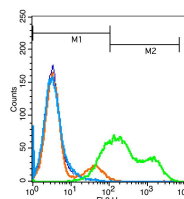
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) Flow-Cyt (1µg/Test)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Rat)
<b>GeneID:</b> 23308	<b>SWISS:</b> O75144	
<b>Target:</b> ICOS ligand		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ICOS ligand: 19-120/302.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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.		
		<b>Predicted MW.:</b> 34 kDa
		<b>Subcellular Location:</b> Cell membrane

**— 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.

**— SELECTED CITATIONS —**

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