bs-1035R

[Primary Antibody]

CD86 Rabbit pAb



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DATACHEET		100 002 0000			
Host: Rabbit	lsotype: lgG	Applications: WB (1:500-2000)			
Clonality: Polyclonal GenelD: 56822 Target: CD86		IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (2µg/Test)			
			Immunogen: KLH conjugated synthetic peptide derived from the middle of rat CD86: 140-175/313. < Extracellular >		Reactivity: Human, Mouse, Rat
			Purification: affinity purified by	Protein A	
Concentration: 1mg/ml		Predicted			
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.		MW.: ^{31 kDa} Subcellular Location: Cell membrane			
Background: This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte- associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in several transcript variants encoding different isoforms.[provided by RefSeq, May 2011].					

– VALIDATION IMAGES



Sample: Lane 1: HepG2 (Human) Cell Lysate at 30 ug Lane 2: U937 (Human) Cell Lysate at 30 ug Lane 3: Spleen (Rat) Lysate at 40 ug Lane 4: Spleen (Mouse) Lysate at 40 ug Lane 5: HL-60 (Human) Cell Lysate at 30 ug Primary: Anti-CD86 (bs-1035R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 72-74 kD Observed band size: 72 kD



Tissue/cell: Human esophageal carcinoma; 4% Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-CD86/B7-2 Polyclonal Antibody, Unconjugated(bs-1035R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-CD86/B7-2 Polyclonal Antibody, Unconjugated(bs-1035R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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