

bs-43589R**[Primary Antibody]****CD86 Rabbit pAb****Bioss**
ANTIBODIES

www.bioss.com.cn

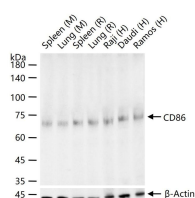
sales@bioss.com.cn

techsupport@bioss.com.cn

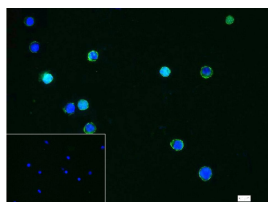
400-901-9800

— DATASHEET —

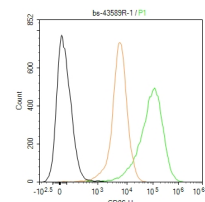
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Flow-Cyt (1 μ g/Test) ICC/IF (1:50-200)
Clonality: Polyclonal		
GeneID: 942	SWISS: P42081	
Target: CD86		Reactivity: Human, Mouse, Rat
Immunogen: Recombinant human CD86 protein: 24-239/329. < Extracellular >		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 37 kDa
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.		Observed MW.: 68 kDa
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].		Subcellular Location: Cell membrane

— VALIDATION IMAGES —

25 μ g total protein per lane of various lysates (see on figure) probed with CD86 polyclonal antibody, unconjugated (bs-43589R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



4% Paraformaldehyde-fixed Daudi (H) cell; Antibody incubation with (CD86) polyclonal Antibody, unconjugated (bs-43589R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-40295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The MJ (H) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-CD86 antibody (bs-43589R): 1 μ g/10⁶ cells; Isotype control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=5.6]** Xiaoyan Zhong. et al. Selenium Nanoparticles Efficiently Inhibit M1 Macrophage Polarization by Regulating Selenoprotein to Scavenge ROS in Alleviating Rheumatoid Arthritis. COLLOID SURFACE B. 2025 Nov;;115236 WB,IF ;Mouse. 41205348
- **[IF=4.2]** Zhengjie Huang. et al. Augmenting the Endogenous RBM3 Response Protects Against Burn - Induced Acute Kidney Injury by Enhancing Macrophage - Mediated Resolution of Inflammation. FASEB J. 2026 Mar;40(6):e71629 IF ;Rat. 41849090
- **[IF=4.1]** Ke Xu. et al. Electroacupuncture Inhibits the Early Neuroinflammatory Cascade Triggered by TLR2 in the Prodromal Period of PD. J INFLAMM RES. 2026 Mar IF ;Rat. 41809768

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.