

bsm-52375R**[Primary Antibody]****Bioss**
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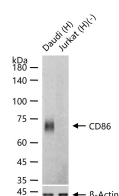
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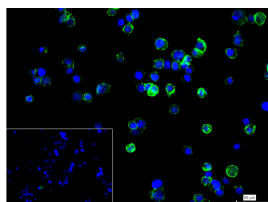
400-901-9800

CD86 Recombinant Rabbit mAb**DATASHEET**

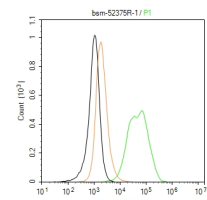
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Flow-Cyt (1:50-100) ICC/IF (1:100-500) Reactivity: Human Predicted MW.: 31 kDa Observed MW.: 70 kDa Subcellular Location: Cell membrane
Clonality: Recombinant	CloneNo.: 4G1	
GeneID: 942	SWISS: P42081	
Target: CD86		
Immunogen: A synthesized peptide derived from human CD86: 5-60.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.02% Proclin300. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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

25 ug total protein per lane of various lysates (see on figure) probed with CD86 monoclonal antibody, unconjugated (bsm-52375R) 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) monoclonal Antibody, unconjugated (bsm-52375R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) 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 Daudi (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 (bsm-52375R,1:100); Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[IF=13.3]** Yiming Qian. et al. Microglial TIA1-mediated stress granules promote neuroinflammation and aggravate neuron loss in mice after ischemic stroke by inhibiting IGF2 signaling. THERANOSTICS. 2026 Jan;16(5):2627 WB ;Human,Mouse. 41424856
- **[IF=12.5]** Chuan Hu. et al. Microenvironment-driven transformable self-assembly nanoplatfrom enables spatiotemporal remodeling for rheumatoid arthritis therapy. SCI ADV. 2025 Sep;11(36) IF ;Rat. 40901944
- **[IF=5.8]** Peng Xue. et al. Fe3+ mediated shikonin and PPA coloaded liposomes induce robust immunogenic cell death by integrating ROS enhancement and GSH depletion. INT J PHARMACEUT. 2024 Jan;649:123657 IF ;Mouse. 38040398
- **[IF=5.6]** Xiaoyue Guan. et al. The Role of Macrophage Efferocytosis in the Pathogenesis of Apical Periodontitis. INT J

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

MOL SCI. 2024 Jan;25(7):3854 IHC,IF ;Human. 38612664

- **[IF=4.8]** Dongfeng Sun. et al. The impact of POSTN on tumor cell behavior and the tumor microenvironment in lung adenocarcinoma. INT IMMUNOPHARMACOL. 2025 Jan;145:113713 mIF ;Human. 39672019