

**bsm-52375R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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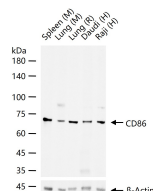
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**CD86 Recombinant Rabbit mAb****DATASHEET**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)  <b>Reactivity:</b> Human, Mouse, Rat  <b>Predicted MW.:</b> 31 kDa  <b>Subcellular Location:</b> Cell membrane
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> 4G1	
<b>GeneID:</b> 942	<b>SWISS:</b> P42081	
<b>Target:</b> CD86		
<b>Immunogen:</b> A synthesized peptide derived from human CD86: 5-60.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

**SELECTED CITATIONS**

- **[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 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