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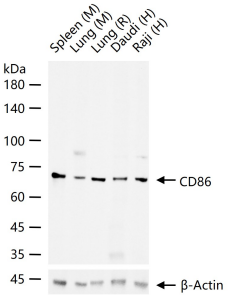
CD86 Recombinant Rabbit mAb

Catalog Number:	bsm-52375R
Target Protein:	CD86
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Recombinant
Clone No.:	4G1
Isotype:	IgG
Applications:	**WB** (1:500-2000)
Reactivity:	Human, Mouse, Rat
Predicted MW:	31 kDa
Detected MW:	72-74 kDa
Subcellular Locations:	Cell membrane
Entrez Gene:	942
Swiss Prot:	P42081
Source:	A synthesized peptide derived from human CD86: 5-60.
Purification:	affinity purified by Protein A
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 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

PRODUCT SPECIFIC PUBLICATIONS

[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