
CD86 Rabbit pAb

Catalog Number: bs-1035R

Target Protein: CD86

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (2µg/Test)

Reactivity: Human, Mouse, Rat

Predicted MW: 31 kDa

Detected MW: 72-74 kDa

Subcellular Cell membrane

Locations:

Entrez Gene: 56822

Source: KLH conjugated synthetic peptide derived from the middle of rat CD86: 140-175/313.

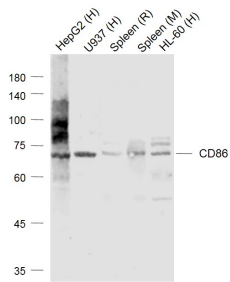
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

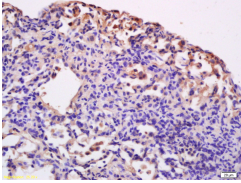
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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].

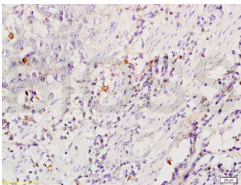
VALIDATION IMAGES



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: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; 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: Human esophageal carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; 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

PRODUCT SPECIFIC PUBLICATIONS

[IF=20.722] Meng Lin. et al. CRISPR-based in situ engineering tumor cells to reprogram macrophages for effective cancer immunotherapy. Nano Today. 2022 Feb;42:101359 IF ; Mouse . 10.1016/j.nantod.2021.101359

[IF=18.9] Qinghua Li. et al. Macrophage metabolism reprogramming EGCG-Cu coordination capsules delivered in polyzwitterionic hydrogel for burn wound healing and regeneration. BIOACT MATER. 2023 Nov;29:251 IF ; Mouse . 37533477

[IF=19] Youyun Zeng. et al. Reactive Oxygen Species-Activated CO Versatile Nanomedicine with Innate Gut Immune and Microbiome Remodeling Effects for Treating Inflammatory Bowel Disease. ADV FUNCT MATER. 2023 Jul;:2304381 IF ; Mouse . 10.1002/adfm.202304381

[IF=18.027] Guanghao Wu. et al. Enhanced Proliferation of Visualizable Mesenchymal Stem Cell–Platelet Hybrid Cell for Versatile Intracerebral Hemorrhage Treatment. ACS NANO. 2023;XXXX(XXX):XXX-XXX IF,ICC,FCM ; Mouse . 37037487

[IF=17.1] Huifang Du. et al. Subcellular Nanobionic Liposome with High Zeta Potential Enhances Intravesical Adhesion and Drug Delivery. ACS NANO. 2024;18(4):3583–3596 IF ; Mouse . 38252681