Anti-Cd86 antibody

Catalog Number: 175322

Product name

Anti-Cd86 antibody

Specificity

Human, Mouse, Rat, Dog, Pig, Cow, Sheep

Antibody description

Rabbit polyclonal antibody to Cd86

Preparation

This antigen of this antibody was klh conjugated synthetic peptide derived from the middle of rat cd86:140-175/313

Formulation

Liquid, 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage

Store at -20℃ for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20℃. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4℃.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

WB, IHC-P, ICC/IF, FC

Dilutions

WB:1:500-2000

IHC-P:1:400-800

FC:1μg/Test

IF:1:100-500

ICC/IF:1:100-500

Validations

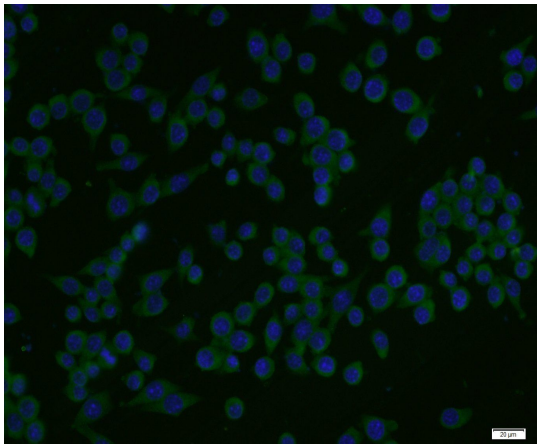

Fig1: Tissue/cell: BV-2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37℃ for 20 min; Antibody incubation with (CD86) Polyclonal Antibody, Unconjugated 1:200, 90 minutes at 37℃; followed by a conjugated Goat Anti-Rabbit IgG antibody (bs-0295G-FITC) at 37℃ for 90 minutes, DAPI (5ug/ml, blue, C-0033) was used to stain the cell nuclei.

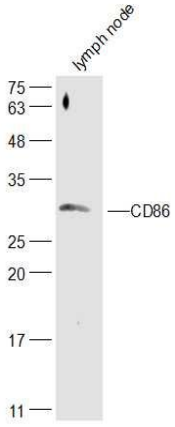

Fig2: Sample:; Lymph node(Mouse)Cell Lysate at 40 ug; Primary: Anti-CD86 at 1/300 dilution; Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution; Predicted band size: 31 kD; Observed band size: 31 kD

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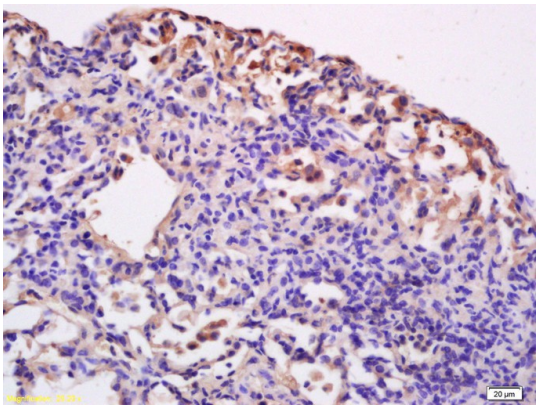

Fig3: Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;; Incubation: Anti-CD86/B7-2 Polyclonal Antibody, Unconjugated 1:200, overnight at 4℃, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

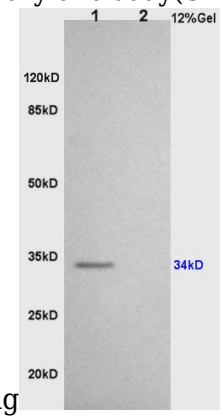

Fig4: Sample:; Brain(Rat) lysates at 30ug;; Heart(Rat) lysates, 30ug;; Primary: Anti-CD86/B7-2 at 1:200;; Secondary: HRP conjugated Goat Anti-Rabbit IgG(bs-0295G-HRP) at 1: 3000;; ECL excitated the fluorescence;; Predicted band size : 34kD; Observed band size : 34kD

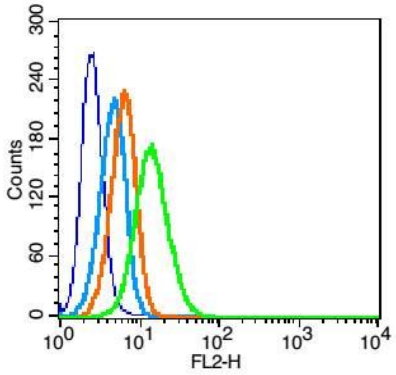

Fig5: Blank control: U937(blue).; Primary Antibody: Rabbit Anti-CD86 antibody , Dilution: 1μg in 100 μL 1X PBS containing 0.5% BSA;; Isotype Control Antibody: Rabbit IgG (orange) ,used under the same conditions.; Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.; Protocol; The cells were fixed with 2% paraformaldehyde (10 min).Primary antibody (1μg /1x10^6 cells) were incubated for 30 min on the ice, followed by 1 X PBS containing 0.5% BSA + 10% goat serum (15 min) to block non-specific protein-protein interactions. Then the Goat Anti-rabbit IgG/PE antibody was added into the blocking buffer mentioned above to react with the primary antibody at 1/200 dilution for 30 min on ice. Acquisition of 20,000 events was performed.