

# Anti-Cd86 antibody



Catalog Number: 175322

## Product name

Anti-Cd86 antibody

FC:1µg/Test

IF:1:100-500

## Specificity

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

ICC/IF:1:100-500

## 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°C 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°C. 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°C.

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

WB, IHC-P, ICC/IF, FC

## Dilutions

WB:1:500-2000

IHC-P:1:400-800

## Validations

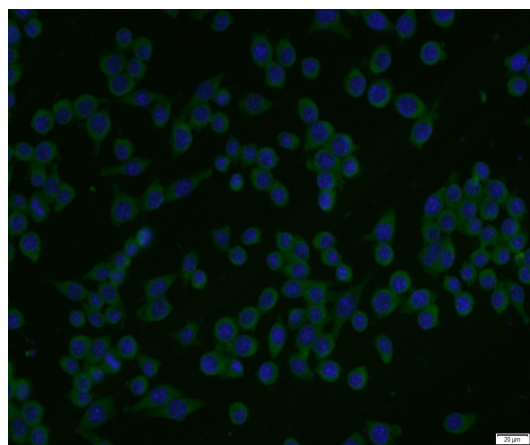
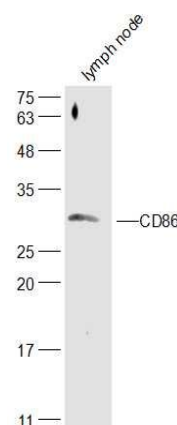


Fig1: Tissue/cell: BV-2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (CD86) Polyclonal Antibody, Unconjugated 1:200, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody (bs-0295G-FITC) at 37°C 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

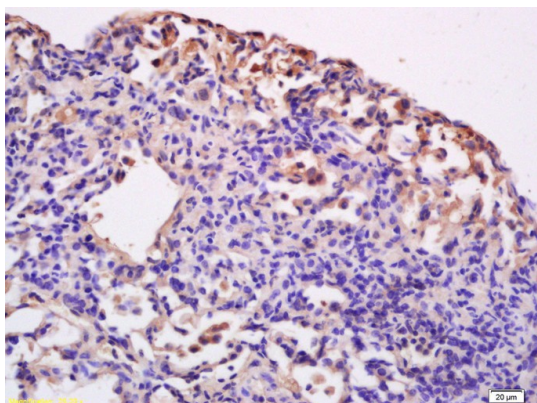


Fig3: Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;; Incubation: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

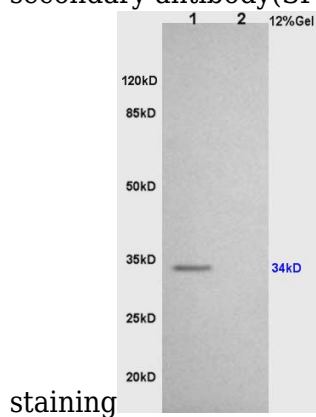


Fig4: Sample;; Brain(Rat) lysates at 30ug;;

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 excited the fluorescence;; Predicted band size : 34kD; Observed band size : 34kD

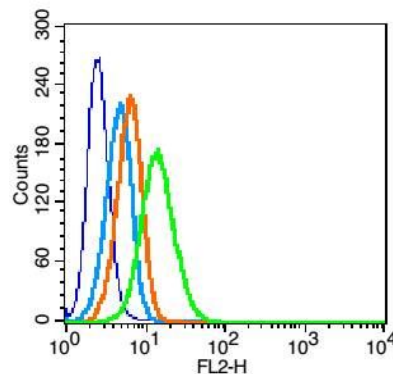


Fig5: Blank control: U937(blue).; Primary Antibody: Rabbit Anti-CD86 antibody , Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA;; Isotype Control Antibody: Rabbit IgG (orange) ,used under the same conditions.; Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.; Protocol; The cells were fixed with 2% paraformaldehyde (10 min).Primary antibody ( 1µg /1x10<sup>6</sup> 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.