

Anti-CD86 Polyclonal Antibody

Product Details

Ig Type: IgG
Reactivity: Human, Mouse, Rat
Molecular Weight: Theoretical: 31 kDa. Actual: 68 kDa.
Purification: Protein A purified

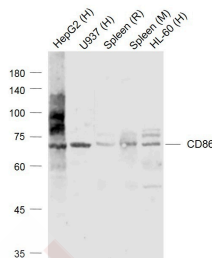
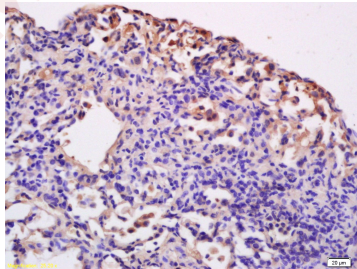
Applications

1. Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;
Incubation: Anti-CD86/B7-2 Polyclonal Antibody, Unconjugated (TMAB-00396) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

2. Sample:

Verified Activity:

Lane 1: HepG2 (Human) Cell Lysate at 30 µg
Lane 2: U937 (Human) Cell Lysate at 30 µg
Lane 3: Spleen (Rat) Lysate at 40 µg
Lane 4: Spleen (Mouse) Lysate at 40 µg
Lane 5: HL-60 (Human) Cell Lysate at 30 µg
Primary: Anti-CD86 (TMAB-00396) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 72-74 kDa
Observed band size: 72 kDa



Application: FCM, ICC/IF, IF, IHC-Fr, IHC-P, WB

Recommended: FCM=1 µg/Test; ICC/IF=1:50-200; IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500; WB=1:500-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: the middle of rat CD86

Antigen Species: Rat

Gene ID: 56822

Synonyms: B7-2;CD86 antigen;B7.2;CD28LG2;LAB72;B70

Biology Area: Monocytic Lineage,Dendritic Cell Lineage,B Lymphocytic Lineage,Host Virus Interaction,CD markers ELISA kits,Non-lineage,CD,Regulatory T Cells

Research 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].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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