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# **Recombinant CD86 Monoclonal Antibody**

catalog number: AN301381L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### Description

Reactivity Mouse

Immunogen Recombinant Mouse CD86 protein

HostRabbitIsotypeIgG,κCloneB1148PurificationProtein A

**Buffer** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

**WB** 1:500-5000

#### Data



Western Blot with Recombinant CD86 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: J774A.1 whole cell lysate.

Observed-MW:60-80 kDa Calculated-MW:60-80 kDa

# Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

## **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.