



A Reliable Research Partner in Life Science and Medicine

# Recombinant CD86/B7-2 Monoclonal Antibody

catalog number: AN300007P

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

#### **Description**

Reactivity Human

Immunogen Recombinant Human CD86 / B7-2 Protein

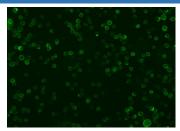
Host Rabbit
Isotype IgG
Clone A1117
Purification Protein A

Buffer 0.2 µm filtered solution in PBS

Applications Recommended Dilution

ICC/IF 1:20-1:100

#### Data



Immunofluorescence staining of B7-2 in Raji cells. Cells were fixed with 4% PFA,blocked with 10% serum, and incubated with rabbit anti-human B7-2 Monoclonal Antibody (dilution ratio 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized

to .

## Preparation & Storage

**Storage** This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated 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.

### For Research Use Only