



A Reliable Research Partner in Life Science and Medicine

# Purified Anti-Human CD86 Antibody[IT2.2]

catalog number: E-AB-F1269A

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

#### **Description**

Reactivity Human

Immunogen Recombinant Human CD86 protein

Host Mouse

**Isotype** Mouse IgG2b, κ

Clone IT2.2

**Purification** >98%, Protein A/G purified

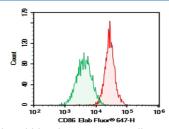
**Buffer** Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

# Applications Recommended Dilution

**FCM** 2  $\mu$ g/mL(0.5×10<sup>6</sup>-1×10<sup>6</sup> cells)

#### Data



Human peripheral blood monocytes cell were stained with 0.2  $\mu$ g Purified Anti-Human CD86 Antibody[IT2.2] (Right) and 0.2  $\mu$ g Mouse IgG2b,  $\kappa$  Isotype Control (Left), followed

by Elab Fluor<sup>®</sup> 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

### **Preparation & Storage**

Storage Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, 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.

## For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com
 Rev. V1.6