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Datasheet for ABIN7092885
anti-CD86 antibody (AA 26-247)

3 Images

Overview

Quantity:	100 µg
Target:	CD86
Binding Specificity:	AA 26-247
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), ELISA

Product Details

Immunogen:	Recombinant human B7-2 (Leu26-Pro247) (ABIN6961107) produced by using human HEK293 cells
Clone:	DM84
Isotype:	IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	CD86
Alternative Name:	B7-2 (CD86 Products)
Background:	Synonyms:CD86, B7-2, B70, CD28LG2, LAB72, MGC34413 Description: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

Target Details

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.

Molecular Weight: 37.7kDa

Gene ID: 942

UniProt: [P42081](#)

Pathways: [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

Application Details

Application Notes: ELISA 1/5000-10000,Flow Cyt 1/100

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.,0.1 % Procline 300

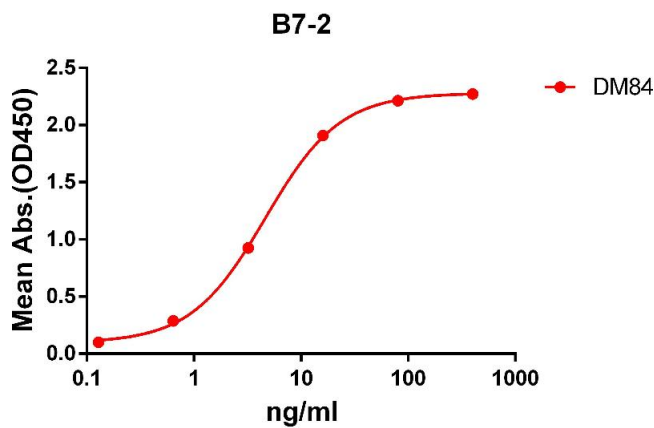
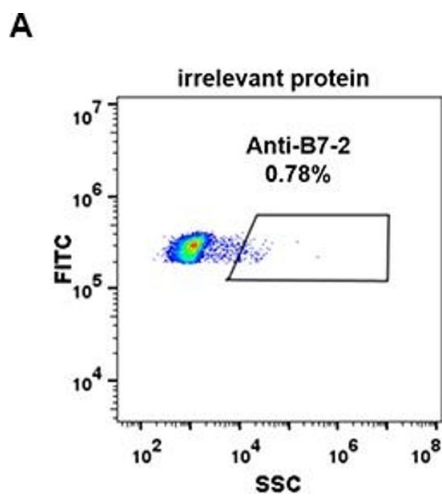
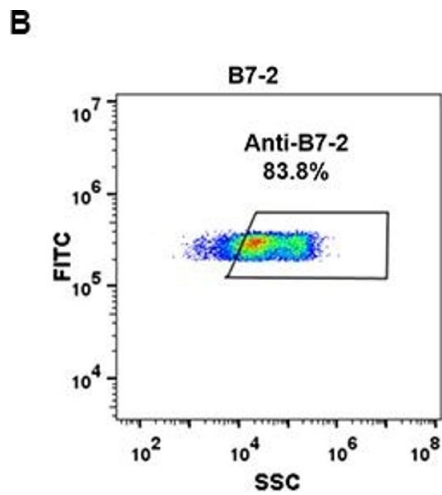
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



Flow Cytometry

Image 1.

Flow Cytometry

Image 2. Expi 293 cell line transfected with irrelevant protein (A) and human B7-2 (B) were surface stained with Rabbit anti-B7-2 monoclonal antibody 1 µg/mL (clone: DM84) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

ELISA

Image 3. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human B7-2 protein, mFc-His tagged protein ((ABIN6961107, ABIN7042243 and ABIN7042244)) can bind Rabbit anti-B7-2 monoclonal antibody(clone: DM84) in a linear range of 1-100 ng/mL.