

Anti-CD86 Antibody (2A700)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	Unconjugated
Clone:	2A700
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of Mouse-CD86 expression on LPS-stimulated BABL/c splenocytes. Cells were stained with purified anti-Coronavirus Nucleocapsid, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.
Application:	FCM
Recommended	FCM: 1:25-1:100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Mouse CD86 Protein (TMPY-01206)
Antigen Species:	Mouse
Synonyms:	CD86 antigen; CD28LG2; LAB72; B70; B7.2; B7-2
Biology Area:	Cancer Drug Targets

Research Background

CD86, also known as B-lymphocyte activation antigen B7-2 (referred to as B70), is a member of the cell surface immunoglobulin superfamily. B7-2 exists predominantly as a monomer on cell surfaces and interacts with two co-stimulatory receptors CD28 and cytotoxic T lymphocyte-associated antigen 4 (CTLA-4) expressed on T cells, and thus induces the signal pathways which regulate T cell activation and tolerance, cytokine production, and the generation of CTL. It is indicated that contacts between B and T helper cells mediated by CD86 encourage signals for the proliferation and IgG secretion of normal B cells and B cell lymphomas. A recent study has revealed that CD86 also promotes the generation of a mature APC repertoire and promotes APC function and survival. CD86 has an important role in chronic hemodialysis, allergic pulmonary inflammation, arthritis, and antiviral responses, and thus is regarded as a promising candidate for immune therapy.

Cancer Immunotherapy
 Co-inhibitory Immune Checkpoint
 Targets
 Immune Checkpoint
 Immune Checkpoint Detection: Antibodies
 Immune Checkpoint Detection: ELISA
 Antibodies
 Immune Checkpoint Detection: FCM
 Antibodies
 Immune Checkpoint Detection: IP
 Antibodies
 Immune Checkpoint Detection: WB
 Antibodies
 Immune Checkpoint Proteins
 Immune Checkpoint
 Targets
 Immunotherapy
 Targeted Therapy

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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