

Anti-CD86 Antibody-FITC (2A700)

Product Details

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

Applications

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| Verified Activity: | Flow cytometric analysis of Mouse-CD86 expression on LPS-stimulated BABL/c splenocytes. Cells were stained with FITC-conjugated anti-Mouse-CD86. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells. |
| Application: | FCM |
| Recommended | 5 µl/Test, 0.1 mg/ml |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | Recombinant Protein: Mouse CD86 Protein (TMPY-01206) |
| Antigen Species: | Mouse |
| Synonyms: | B7.2;B7-2;B70;CD28LG2;CD86 antigen;LAB72 |
| 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

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