

Anti-CD86 Antibody-FITC (8R689)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	FITC
Clone:	8R689
Purification:	Protein A

Applications

Verified Activity:	Profile of anti-B7-2 (CD86) reactivity on Daudi cells analyzed by flow cytometry. Cells should be Fc-blocked by treatment with 20 µg of human IgG/10 ⁶ cells for 1 hour at 4 °C prior to staining, washed, then stained with FITC Mouse anti-B7-2 (CD86).
Application:	FCM
Recommended	10 µl/Test, 0.1 mg/ml

Properties

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

Immunogen:	Recombinant Protein: Human CD86 / B7-2 protein (TMPY-01180)
Antigen Species:	Human
Synonyms:	B70;CD86 antigen;CD28LG2;B7-2;LAB72;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

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