

## Anti-CD86 Antibody-APC (8R689)

### Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	APC
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/106 cells for 1 hour at 4 °C prior to staining, washed, then stained with APC Mouse anti-B7-2 (CD86).
Application:	FCM
Recommended	5 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:	B7-2;CD86 antigen;B7.2;CD28LG2;LAB72;B70
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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