

## Anti-B7-2 Antibody (6D575)

## Product Details

|               |              |
|---------------|--------------|
| Ig Type:      | Rabbit IgG   |
| Reactivity:   | Rat          |
| Conjugation:  | Unconjugated |
| Clone:        | 6D575        |
| Purification: | Protein A    |

## Applications

|              |                       |
|--------------|-----------------------|
| Application: | ELISA                 |
| Recommended  | ELISA: 1:5000-1:10000 |

## 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: Rat B7-2/CD86 Protein (TMPY-02016)                        |
| Antigen Species: | Rat  |
| Synonyms:        | MGC34413;B70;FUN-1;CD28LG2;LAB72;B7-2 antigen;CD86 molecule;B7-2;BU63;B72;CD86 |
| 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481