

Anti-B7-2 Antibody (4E982)

Product Details

| | |
|---------------|--------------|
| Ig Type: | Rabbit IgG |
| Reactivity: | Rat |
| Conjugation: | Unconjugated |
| Clone: | 4E982 |
| 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: | B7-2;CD86 molecule;MGC34413;BU63;CD28LG2;B72;B70;FUN-1;LAB72;B7-2 antigen;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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481