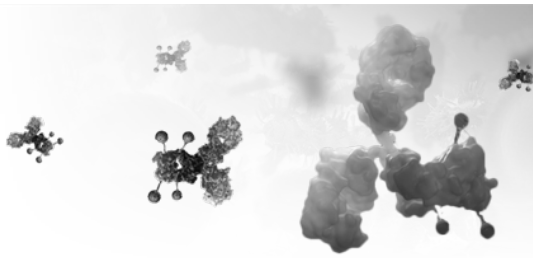

Rabbit Anti-Human CD86 monoclonal antibody, clone S229 (CABT-ZB957)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human CD86 It has no cross-reactivity in ELISA with Mouse CD86/B7-2/B70, Human CD80/B7-1/CD28LG, Human CD274/B7-H1/PD-L1.
Target	CD86
Immunogen	Recombinant Human CD86 protein
Isotype	IgG1
Source/Host	Rabbit
Species Reactivity	Human
Clone	S229
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, ELISA(det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB607 - CABT-ZB957 This antibody will detect CD86 in antibody pair set. [ABPR-ZB185]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human CD86 / B7-2.
Format	Purified, Liquid
Concentration	Lot specific

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Size	50 µL, 100 µL, 1 mL
Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	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.
Keywords	CD86; CD86 antigen; B7; B70

GENE INFORMATION

Synonyms	CD86; CD86 antigen; B7; B70; MB7; B7-2; B7.2; CLS1; Ly58; ETC-1; Ly-58; MB7-2; Cd28l2; TS/A-2; T-lymphocyte activation antigen CD86; activation B7-2 antigen; early T cell costimulatory molecule-1; early T-cell costimulatory molecule 1
Entrez Gene ID	942
UniProt ID	P42081

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