

Rabbit anti-Mouse CD86 Polyclonal Antibody | anti-CD86 antibody

Anti-CD86 Antibody, Rabbit Polyclonal

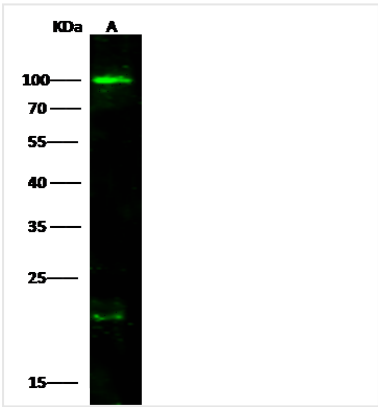
CATALOG # AAA257079	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunoprecipitation, ELISA, Western Blot
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PRODUCT SYNONYMS

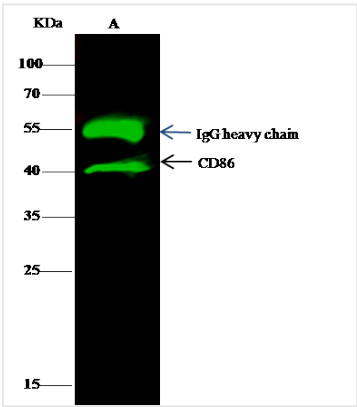
CD86; Polyclonal Antibody; Anti-CD86 Antibody; Rabbit Polyclonal; CD86/ETC-1/B7-2 Antibody; Rabbit PAb; Antigen Affinity Purified; CD86 antigen; Anti-B7 Antibody; Anti-B7-2 Antibody; Anti-B7.2 Antibody; Anti-B70 Antibody; Anti-Cd28l2 Antibody; Anti-CLS1 Antibody; Anti-ETC-1 Antibody; Anti-Ly-58 Antibody; Anti-Ly58 Antibody; Anti-MB7 Antibody; Anti-MB7-2 Antibody; Anti-TS/A-2 Antibody; anti-CD86 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse CD86/ETC-1/B7-2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD86 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Mouse CD86 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse CD86 extracellular domain (rM CD86). CD86 specific IgG was purified by mouse CD86 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-CD86 rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 70 kDa Observed band size: 100 kDa (We are unsure as to the identity of these extra bands).



IP (Immunoprecipitation)
Mouse CD86 was immunoprecipitated using: Lane A: 0.5 mg Raji Whole Cell Lysate 0.5 uL anti- Mouse CD86 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti- Mouse CD86 rabbit polyclonal antibody, at 1:500 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odssey technique. Performed under reducing conditions. Predicted band size: 42 kDa Observed band size: 42 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CD86 antibody	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.
Product Categories/Family for anti-CD86 antibody	Cancer Drug Targets
References	Chen YQ, et al. (2006) CD28/CTLA-4--CD80/CD86 and ICOS--B7RP-1 costimulatory pathway in bronchial asthma. Allergy. 61(1): 15-26. Rau FC, et al. (2009) B7-1/2 (CD80/CD86) direct signaling to B cells enhances IgG secretion. J Immunol. 183(12): 7661-71. Dai ZS, et al. (2009) Defective expression and modulation of B7-2/CD86 on B cells in B cell chronic lymphocytic leukemia. Int J Hematol. 89(5): 656-63.

NCBI AND UNIPROT INFORMATION

NCBI GI #	161484599
NCBI GeneID	12524
NCBI Accession #	NP_062261.3
NCBI GenBank Nucleotide #	NM_019388.3
UniProt Accession #	P42082
Molecular Weight	33,962 Da
NCBI Official Full Name	T-lymphocyte activation antigen CD86
NCBI Official Synonym Full Names	CD86 antigen
NCBI Official Symbol	Cd86
NCBI Official Synonym Symbols	B7; B70; MB7; B7-2; B7.2; CLS1; Ly58; ETC-1; Ly-58; MB7-2; Cd28l2; TS/A-2

NCBI Protein Information	T-lymphocyte activation antigen CD86
UniProt Protein Name	T-lymphocyte activation antigen CD86
UniProt Gene Name	CD86
UniProt Synonym Gene Names	CD28LG2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cd86-antibody-immunoprecipitation-western-blot-elisa/257079>