CD86 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CD86, Polyclonal Antibody
Full Product Name	CD86 (T-lymphocyte Activation Antigen CD86, Activation B7-2 Antigen, B70, BU63, CTLA-4 Counter-receptor B7.2, FUN-1, CD28LG2) (MaxLight 550)
Product Gene Name	anti-CD86 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CD86.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human CD86, aa1-329 (AAH40261.1).
Immunogen Sequence	MDPQCTMGLSNILFVMAFLLSGAAPLKIQAYFNETADLPCQFANSQNQSLSELVVFWQDQENLVLNEVYLGKEKFDSVHSKYMGRTSFDSDSWTLRLHN
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-CD86 antibody	Antibodies; CD Markers
Applications Tested/Suitable for anti-CD86 antibody	Western Blot (WB)
Application Notes for anti-CD86 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CD86 antibody	CD86 is an 80kD immunoglobulin superfamily member, also known as B7-2, B70, and Ly-58. CD86 is expressed on activated B and T cells, monocytes transduce co-stimulatory signals for T cell activation, proliferation, and cytokine production. CD86 can also bind to CD152, known as CTLA-4, to deliver
Other Notes	Small volumes of anti-CD86 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa
Searchable Terms for CD86 purchase	MBS6373308 is an antibody targeting CD86. Also known as CD86 (T-lymphocyte Activation Antigen CD86, Activation B7-2 Antigen, B70, BU63, CTLA

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD86. It may not necessarily be applicable to this product.

NCBI GI #	25955518
NCBI GeneID	942
NCBI Accession #	BC040261.1
NCBI Related Accession #	AAH40261.1
UniProt Related Accession #	P42081
NCBI Official Full Name	Homo sapiens CD86 molecule, mRNA
NCBI Official Synonym Full Names	CD86 molecule
NCBI Official Symbol	CD86
NCBI Official Synonym Symbols	B70; B7-2; B7.2; LAB72; CD28LG2
Protein Family	T-lymphocyte activation antigen
NCBI Protein Information	T-lymphocyte activation antigen CD86
NCBI Summary for CD86	This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in several transcript variants encoding different isoforms.[provided by RefSeq, May 2011]
Research Articles on CD86	**1.** The secreted M2 protein encoded by cowpox virus (CPXV) specifically interacts with human and murine B7.1 (CD80) and B7.2 (CD86).
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