

Mouse CD86 Monoclonal Antibody | anti-CD86 antibody

CD86 antibody

CATALOG # AAA106408	HOST Mouse	APPLICATIONS Western Blot, ELISA
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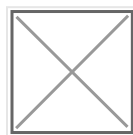
PRODUCT SYNONYMS

CD86; Monoclonal Antibody; CD86 antibody; Monoclonal CD86; Anti-CD86; CD86 antigen; CD 86; Cluster of Differentiation 86; B72; T-lymphocyte activation antigen CD86; Cluster of differentiation 86; B 72; CTLA-4 counter-receptor B7.2; CD-86; B-lymphocyte activation antigen B7 2; anti-CD86 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1B3
Form/Format	Liquid containing 0.03% sodium azide
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	323
Applicable Applications for anti-CD86 antibody	WB (Western Blot), ELISA
Biological Significance	CD86 is a protein expressed on antigen-presenting cells that provides costimulatory signals necessary for T cell activation and survival. It is the ligand for two different proteins on the T cell surface: CD28 (for autoregulation and intercellular association) and CTLA4 (for attenuation of regulation and cellular disassociation). CD86 works in tandem with CD80 to prime T cells.
Cross-Reactivity	Human
Immunogen	CD86 antibody was raised in Mouse using a purified recombinant fragment of human CD86 expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis using CD86 antibody Western Blot showing CD86 antibody used against L1210 (1) and MOLT-4 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CD86 antibody	Mouse monoclonal CD86 antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49456643
NCBI GeneID	942
UniProt Accession #	P42081; Q13655; Q6FHB1; Q6GTS4; Q7M4L5; A0N0P0; B7Z2F3; B7Z702; E7ETN5; E9PC27
Molecular Weight	28,420 Da
NCBI Official Full Name	CD86, partial
NCBI Official Synonym Full Names	CD86 molecule
NCBI Official Symbol	CD86
NCBI Official Synonym Symbols	B70; B7-2; B7.2; LAB72; CD28LG2
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
UniProt Entry Name	CD86_HUMAN

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.