

anti-Mouse CD80 Monoclonal Antibody | anti-CD80 antibody

Purified Anti-Mouse CD80 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174044	Armenian Hamster	Mouse	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD80; Monoclonal Antibody; Purified Anti-Mouse CD80 Monoclonal Antibody; Mouse CD80; T-lymphocyte activation antigen CD80; Cd80; Activation B7-1 antigen; B7; anti-CD80 antibody

PRODUCT SPECIFICATIONS

Host	Armenian Hamster
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	16-10A1
Form/Format	Liquid; Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer
Concentration	0.5 mg/mL (varies by lot)
Sequence Length	306
Applicable Applications for anti-CD80 antibody	FCM/FACS (Flow Cytometry)
Isotype Control	Purified Armenian Hamster Isotype Control ()
Note	Centrifuge before opening to ensure complete recovery of vial contents
Preparation and Storage	Store at 2-8°C. Do not freeze. Keep as concentrated solution.

ADDITIONAL INFORMATION

Related Product Information for anti-CD80 antibody	CD80 is a 60 kD highly glycosylated protein. It is a member of the Ig superfamily and is also known as B7-1, B7, and Ly-53. CD80 is constitutively expressed on dendritic cells and monocytes/macrophages, and inducibly expressed on activated B and T cells. The ligation of CD28 on T cells with CD80 and CD86 (B7-2) on antigen presenting cells (such as dendritic cells, macrophages, and B cells) elicits co-stimulation of T cells resulting in enhanced cell activation, proliferation, and cytokine production. CD80 appears to be expressed later in the immune response than CD86. CD80 can also bind to CD152, also known as CTLA-4, to deliver an inhibitory signal to T cells.
References	1. Barclay AN, et al. 1997. The Leukocyte Antigen FactsBook Academic Press. 2. Linsley PS, et al. 1991. J. Exp. Med. 174:561. 3. Salomon B, et al. 2001. Annu. Rev. Immunol. 19:225.

NCBI AND UNIPROT INFORMATION

NCBI GI #	112983684
NCBI GeneID	12519
NCBI Accession #	NP_033985.3
NCBI GenBank Nucleotide #	NM_009855.2

UniProt Accession #	Q00609; Q61332
NCBI Official Full Name	T-lymphocyte activation antigen CD80
UniProt Protein Name	T-lymphocyte activation antigen CD80
UniProt Gene Name	Cd80
UniProt Synonym Gene Names	B7; B7

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/monoclonal/cd80-antibody-clone-16-10a1-flow-cytometry-elisa/174044>