

Human anti-Human CD80 Monoclonal Antibody | anti-CD80 antibody

Anti-CD80 [16C10]

CATALOG # AAA72192	HOST Human	REACTIVITY Human	APPLICATIONS ELISA
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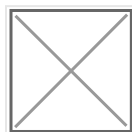
PRODUCT SYNONYMS

CD80; Monoclonal Antibody; Anti-CD80 [16C10]; B7.1; CD28L; CD28LG; B7-1; B7; BB1; B7/BB1; T-lymphocyte activation antigen CD80; Activation B7-1 antigen; CTLA-4 counter-receptor B7.1; CTLA4L; CTLA-4L; anti-CD80 antibody

PRODUCT SPECIFICATIONS

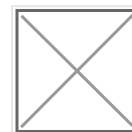
Host	Human
Reactivity	Human
Clonality	Monoclonal
Isotype	Human IgG1, lambda
Clone Number	16C10
Specificity	This antibody binds human CD80 and inhibits the B7.1:CD28 pathway.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD80 antibody	ELISA, Blocking
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometry using the anti-CD80 antibody 16C10 (AAA72192). Daudi cells were fixed using 2% PFA and stained with anti-unknown specificity antibody or the rabbit IgG1 version of 16C10 at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



IF (Immunofluorescence)

Immunofluorescence staining of fixed Daudi cells with anti-CD80 antibody 16C10 (AAA72192). Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on Shi-fix coverslips stained with the chimeric rabbit IgG version of 16C10 at 10ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD80 antibody	Recombinant monoclonal antibody to CD80. Recombinant Platform with variable regions (i.e. specificity) from the heterohybridoma 16C10. This antibody was generated by immunization of cynomolgus monkeys with human B7.1 antigen.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	461606
NCBI GeneID	941
UniProt Accession #	P33681; Q5DTA9; Q5DTB0
Molecular Weight	18,761 Da
NCBI Official Full Name	T-lymphocyte activation antigen CD80
NCBI Official Synonym Full Names	CD80 molecule
NCBI Official Symbol	CD80
NCBI Official Synonym Symbols	B7; BB1; B7-1; B7.1; LAB7; CD28LG; CD28LG1
NCBI Protein Information	T-lymphocyte activation antigen CD80
UniProt Protein Name	T-lymphocyte activation antigen CD80
UniProt Gene Name	CD80
UniProt Synonym Gene Names	CD28LG; CD28LG1; LAB7; 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://stage.aaabiotech.com/monoclonal/cd80-antibody-clone-16c10-elisa/72192>