

Mouse CD80 Monoclonal Antibody | anti-CD80 antibody

CD80 antibody

CATALOG # AAA74730	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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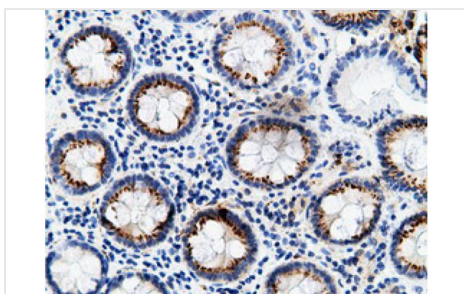
PRODUCT SYNONYMS

CD80; Monoclonal Antibody; CD80 antibody; Monoclonal CD80; Anti-CD80; B71; Cluster of Differentiation 80; CD 80; CD-80; anti-CD80 antibody

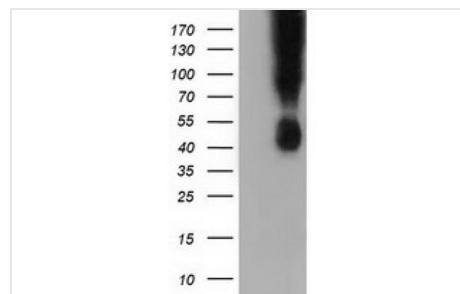
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2 E5
Purity/Purification	CD80 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	288
Applicable Applications for anti-CD80 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	CD80 is a protein found on activated B cells and monocytes that provides a costimulatory signal necessary for T cell activation and survival.
Cross-Reactivity	Human
Immunogen	CD80 antibody was raised in mouse using a full length recombinant protein of human CD80 (NP_005182) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of CD80 protein in paraffin embedded Human colon tissue using CD80 antibody


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant CD80 protein (Right) or empty vector (Left) detected with CD80 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CD80 antibody	Mouse monoclonal CD80 antibody
Product Categories/Family for anti-CD80 antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885123
NCBI GeneID	941
NCBI Accession #	NP_005182
NCBI GenBank Nucleotide #	NM_005191.3
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
UniProt Entry Name	CD80_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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd80-antibody-clone-2-e5-western-blot-immunohistochemistry-immunofluorescence-elisa/74730>