

CD80 recombinant antibody

Rabbit anti-CD80 Recombinant Monoclonal Antibody [BLR206K]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213639	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CD80; Monoclonal Recombinant Antibody; Rabbit anti-CD80 Recombinant Monoclonal Antibody [BLR206K]; CD28LG1; LAB7; T-lymphocyte activation antigen CD80; CTLA-4 counter-receptor B7.1; costimulatory molecule variant IgV-CD80; costimulatory factor CD80; CD80 antigen (CD28 antigen ligand 1; B7-1 antigen); CD28LG; CD antigen CD80; B-lymphocyte activation antigen B7; BB1; B7-1; B7.1; activation B7-1 antigen; B7; CD80 molecule; CD80 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR206K
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA-Free
Concentration	1000ug/ml (varies by lot)
Applicable Applications for CD80 recombinant antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Residues 35-246 (ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



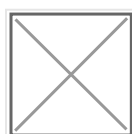
WB (Western Blot)

Detection of human CD80 by western blot. Samples: Whole cell lysate (50 ug) from My-La CD4+, HEK293T, Raji, HeLa, and HDLM-2 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD80 recombinant monoclonal antibody (AAA213639 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



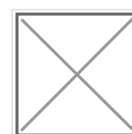
IHC (Immunohistochemistry)

Detection of human CD80 by immunohistochemistry. Sample: FFPE section of tonsil. Antibody: Rabbit anti-CD80 recombinant monoclonal antibody (AAA213639 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG .



IHC (Immunohistochemistry)

Detection of human CD80 by immunohistochemistry. Sample: FFPE section of breast carcinoma TIL. Antibody: Rabbit anti-CD80 recombinant monoclonal antibody (AAA213639 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG .



FCM/FACS (Flow Cytometry)

Detection of human CD80 (shaded) in Raji cells by flow cytometry. Antibody: Rabbit anti-CD80 recombinant monoclonal (AAA213639) or isotype control (unshaded). Secondary: DyLight 488-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for CD80 recombinant antibody	CD80 is a membrane receptor involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28, binding to CTLA-4 has opposite effects and inhibits T-cell activation. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P33681].
Product Categories/Family for CD80 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885123
NCBI GeneID	941
NCBI Accession #	NP_005182.1
NCBI GenBank Nucleotide #	NM_005191.3
UniProt Accession #	P33681; Q5DTA9; Q5DTB0
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-recombinant-antibody-clone-blr206k-flow-cytometry-immunohistochemistry-western-blot-elisa/213639>