

Rabbit anti-Human B7-1 Monoclonal Antibody | anti-B7-1 antibody

Anti-B7-1 antibody (DM109), Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47434	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA

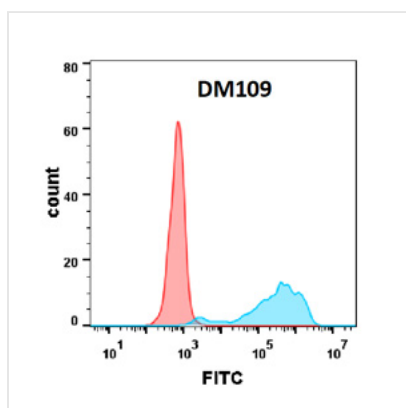
PRODUCT SYNONYMS

B7-1; Monoclonal Antibody; Anti-B7-1 antibody (DM109); Rabbit mAb; CD80; B7; B7.1; BB1; CD28LG; CD28LG1; LAB7; anti-B7-1 antibody

PRODUCT SPECIFICATIONS

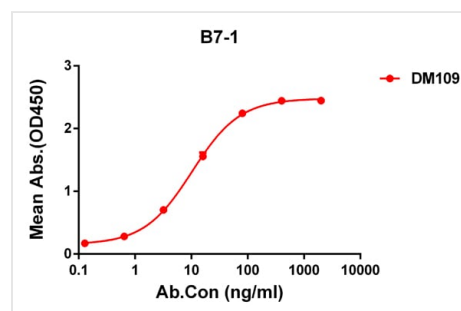
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	DM109
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. 0.1% Procline 300
Applicable Applications for anti-B7-1 antibody	FCM/FACS (Flow Cytometry), ELISA
Immunogen	Recombinant human B7-1 (Val35-Asn242) produced by using human HEK293 cells
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -20 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES



FCM/FACS (Flow Cytometry)

Figure 1. ELISA plate pre-coated by 2 ug/ml (100 ul/well) Human B7-1 protein, hFc tagged protein PME100473 can bind Rabbit anti-B7-1 monoclonal antibody (clone: DM109) in a linear range of 0.6-80 ng/ml.



ELISA

Figure 1. ELISA plate pre-coated by 2 ug/ml (100 ul/well) Human B7-1 protein, hFc tagged protein PME100473 can bind Rabbit anti-B7-1 monoclonal antibody (clone: DM109) in a linear range of 0.6-80 ng/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-B7-1 antibody	The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy.
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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/b7-1-antibody-clone-dm109-flow-cytometry-elisa/47434>