

Mouse HLA B7 Monoclonal Antibody | anti-HLA B7 antibody

MOUSE ANTI HUMAN HLA B7:RPE

CATALOG # AAA49520	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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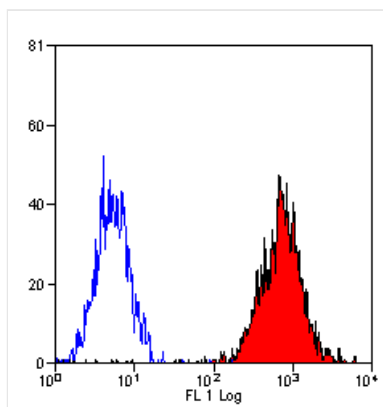
PRODUCT SYNONYMS

HLA B7; Monoclonal Antibody; MOUSE ANTI HUMAN HLA B7:RPE; anti-HLA B7 antibody

PRODUCT SPECIFICATIONS

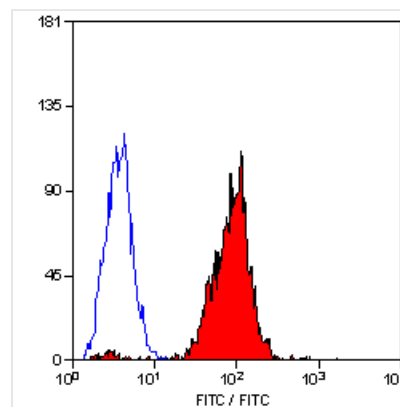
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	BB7.1
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised.
Sequence Length	362
Applicable Applications for anti-HLA B7 antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1 ml distilled water. Perservative Stabilisers
Immunogen	Papain solubilized HLA-B7 antigen Buffer Solution
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at 4 degree C. This product should be stored undiluted. DO NOT FREEZE. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



Application Data

Staining of human peripheral blood lymphocytes from an HLA-B7 positive donor with Mouse anti Human HLA-B7



Application Data

Staining of human peripheral blood lymphocytes with Mouse anti Human HLA-B7:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-HLA B7 antibody	Mouse anti Human HLA B7 antibody, clone BB7.1 recognizes the HLA B7 antigen and does not cross-react with HLA B27 or other related antigens. It can be used to distinguish true HLA B27 positives from false HLA B27 positives (i.e. HLA B7 positive) in the investigation of diseases such as ankylosing spondylitis and anterior uveitis. The major histocompatibility complex (MHC) is a cluster of genes that are important in the immune response to infections. In humans, this complex is referred to as the human leukocyte antigen (HLA) region. There are 3 major MHC class I proteins encoded by the HLA which are HLA A, HLA B and HLA C. The HLA B gene is part of the human HLA complex on chromosome 6 and there are a large number of variant alleles of this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17986001
NCBI GeneID	3106
NCBI Accession #	NP_005505.2
NCBI GenBank Nucleotide #	NM_005514.6
UniProt Accession #	P01889; Q29638; Q29681; Q29854; Q29861; Q31613; Q5SRJ2; Q9GIX1; Q9TP95; P03989; P10319; P18463; P18464; P18465; P30460; P30461; P30462; P30464
Molecular Weight	40,460 Da
NCBI Official Full Name	major histocompatibility complex, class I, B
NCBI Official Synonym Full Names	major histocompatibility complex, class I, B
NCBI Official Symbol	HLA-B
NCBI Official Synonym Symbols	AS; HLAB; SPDA1
NCBI Protein Information	major histocompatibility complex, class I, B; HLA class I histocompatibility antigen, B alpha chain; MHC Class I HLA heavy chain; MHC HLA-B cell surface glycoprotein; MHC HLA-B transmembrane glycoprotein; MHC class I antigen GN00104; MHC class I antigen HLA-B heavy chain; MHC class I antigen SHCHA; leukocyte antigen class I-B; lymphocyte antigen
UniProt Protein Name	HLA class I histocompatibility antigen, B-7 alpha chain
UniProt Gene Name	HLA-B
UniProt Synonym Gene Names	HLAB
UniProt Entry Name	1B07_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://stage.aaabiotech.com/monoclonal/hla-b7-antibody-clone-bb7-1-flow-cytometry-elisa/49520>