

Mouse HLA A2 Monoclonal Antibody | anti-HLA A2 antibody

MOUSE ANTI HUMAN HLA A2

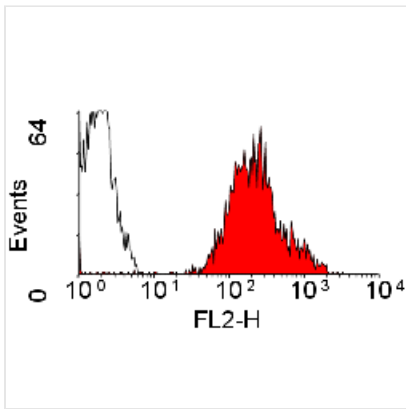
CATALOG #	HOST	APPLICATIONS
AAA11950	Mouse	Immunohistochemistry, Flow Cytometry, Functional Assay, Immunoprecipitation

PRODUCT SYNONYMS

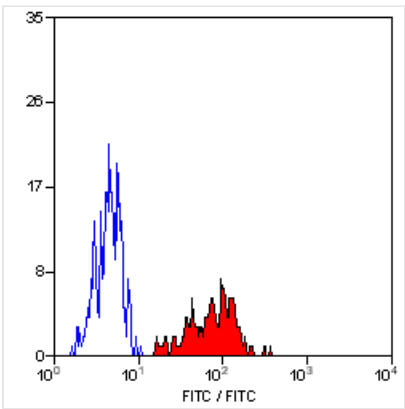
HLA A2; Monoclonal Antibody; MOUSE ANTI HUMAN HLA A2; anti-HLA A2 antibody

PRODUCT SPECIFICATIONS

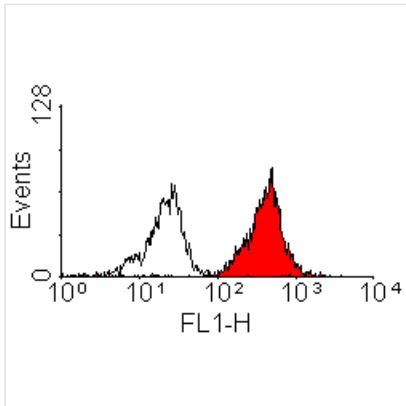
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	BB7.2
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	365
Applicable Applications for anti-HLA A2 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IP (Immunoprecipitation)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood. Flow Cytometry: Maximum Dilution: 10ug/ml
Perservative Stabilisers	0.09% Sodium Azide
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.
Specificity	HLA A2
Histology Positive Control Tissue	Tonsil
Buffer Solution	Phosphate buffered saline
Target Species	Human
Immunogen	Papain solubilised HLA-A2
Fusion Partner	Spleen cells from immunized BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.
Preparation and Storage	Store at 4°C or at -20°C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.



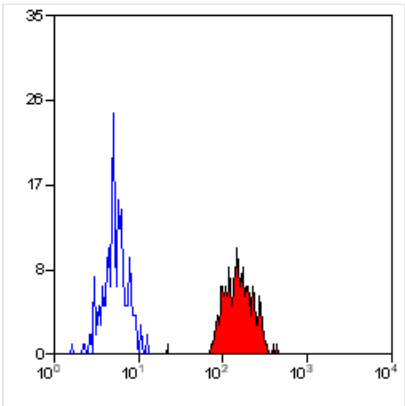
Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human HLA-A2: RPE



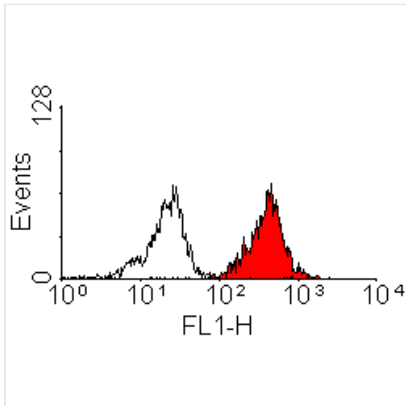
Application Data
Staining of human peripheral blood monocytes with Mouse anti Human HLA-A2:FITC



Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human HLA-A2: endotoxin low



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human HLA-A2:Alexa Fluor 488 (AAA11950A488)



Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human HLA-A2

ADDITIONAL INFORMATION

Related Product Information for anti-HLA A2 antibody

Mouse anti Human HLA A2 antibody, clone BB7.2 recognizes the human HLA-A2 histocompatibility antigen. The epitope recognized by this antibody has been studied extensively and would appear to include the carboxy-terminus of the alpha-2 helix and a turn on one of the underlying beta strands. Mouse anti Human HLA A2 antibody, clone BB7.2 may be used for the flow cytometric detection of HLA-A2 expression and has also been used for immunoaffinity purification of HLA-A2 molecules. Functionally Mouse anti Human HLA A2 antibody, clone BB7.2 is reported to inhibit MHC restricted cellular cytotoxicity..

NCBI AND UNIPROT INFORMATION

NCBI GI #	578841489
NCBI GeneID	3105
NCBI Accession #	XP_006725814.1
NCBI GenBank Nucleotide #	XM_006725751.1
UniProt Accession #	P01892; O19619; P06338; P10313; P30444; P30445; P30446; P30514; Q29680; Q29837; Q29899; Q95352; P01891; P04439; P05534; P10314; P10316; P13746; P16189; P18462; P30443
NCBI Official Full Name	HLA class I histocompatibility antigen, A-2 alpha chain isoform X2
NCBI Official Synonym Full Names	major histocompatibility complex, class I, A
NCBI Official Symbol	HLA-A
NCBI Official Synonym Symbols	HLAA
NCBI Protein Information	HLA class I histocompatibility antigen, A-1 alpha chain; MHC class I antigen HLA-A heavy chain; antigen presenting molecule; leukocyte antigen class I-A
UniProt Protein Name	HLA class I histocompatibility antigen, A-2 alpha chain
UniProt Gene Name	HLA-A
UniProt Synonym Gene Names	HLAA
UniProt Entry Name	1A02_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-a2-antibody-clone-bb7-2-immunohistochemistry-flow-cytometry-immunoprecipitation-elisa/11950>