

Mouse anti-Human HLA-DR Antibody | anti-HLA-DR antibody

Anti-HLA-DR FITC

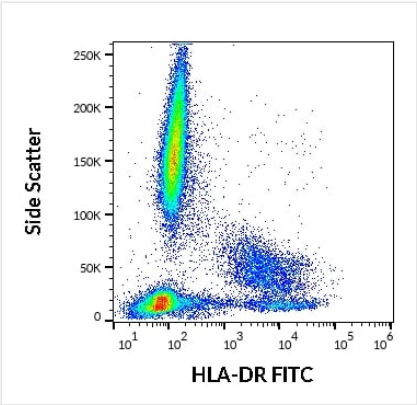
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128732	Mouse	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

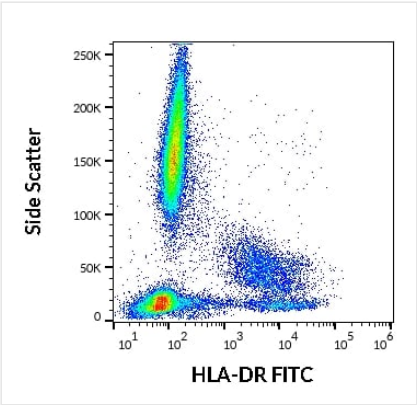
HLA-DR; Anti-HLA-DR FITC; anti-HLA-DR antibody

PRODUCT SPECIFICATIONS

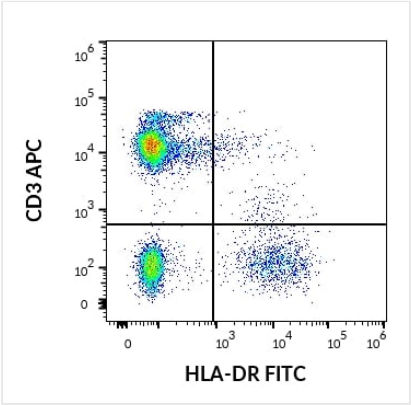
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	MEM-12
Specificity	The antibody MEM-12 recognizes a common extracellular epitope on human HLA-DR which is dependent on the association of alpha and beta chains. DR is the isotype of human MHC Class II molecules expressed on antigen-presenting cells (APC; dendritic cells, B lymphocytes, monocytes, macrophages).
Purity/Purification	The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	42
Applicable Applications for anti-HLA-DR antibody	FCM/FACS (Flow Cytometry)
Immunogen	thymocyte membrane
Conjugation	FITC
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.



FCM/FACS (Flow Cytometry)
Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human HLA-DR (MEM-12) FITC antibody (20 ul reagent / 100 ul of peripheral whole blood).



FCM/FACS (Flow Cytometry)
Separation of human HLA-DR positive CD3 negative lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human HLA-DR (MEM-12) APC antibody (20 ul reagent / 100 ul of peripheral whole blood).



FCM/FACS (Flow Cytometry)
Flow cytometry multicolor surface staining pattern of human lymphocytes using anti-human HLA-DR (MEM-12) FITC antibody (20 ul reagent / 100 ul of peripheral whole blood) and anti-human CD3 (UCHT1) APC antibody (10 ul reagent / 100 ul of peripheral whole blood).

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-DR antibody	HLA-DR, a member of MHC class II glycoproteins, that bind intracellularly processed peptides and present them to the Th cells, is composed of 36 kDa alpha chain and 27 kDa beta chain, both anchored in the plasma membrane. Together with other MHC II molecules HLA-DR plays a central role in the immune system.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	642238
NCBI GeneID	3119
NCBI Official Full Name	HLA-DR, partial
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DQ beta 1
NCBI Official Symbol	HLA-DQB1
NCBI Official Synonym Symbols	IDDM1; CELIAC1; HLA-DQB
NCBI Protein Information	HLA class II histocompatibility antigen, DQ beta 1 chain

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/mouse-human-antibody/hla-dr/128732>