

Mouse MHC CLASS II DQ Monoclonal Antibody | anti-HLA-DQA1 antibody

MOUSE ANTI BOVINE MHC CLASS II DQ:RPE

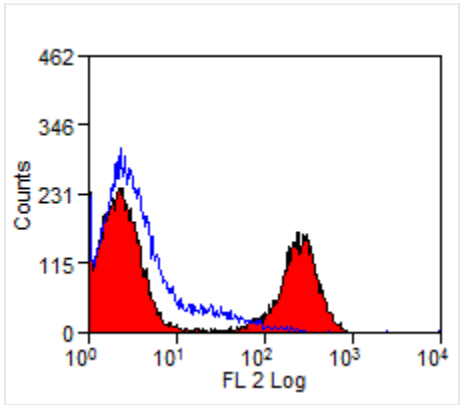
CATALOG # AAA50159	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

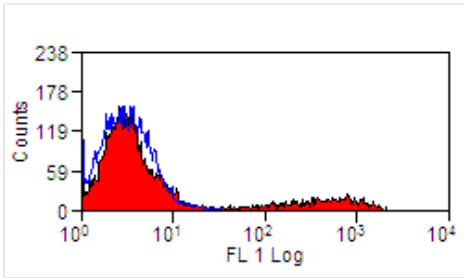
MHC CLASS II DQ; Monoclonal Antibody; MOUSE ANTI BOVINE MHC CLASS II DQ:RPE; anti-HLA-DQA1 antibody

PRODUCT SPECIFICATIONS

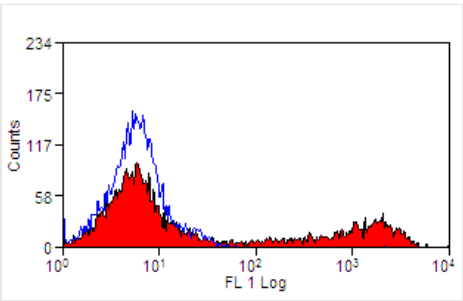
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	CC158
Specificity	This item specifically recognises Bovine MHC Class II DQ. MHC Class II molecules are constitutively expressed on antigen presenting cells such as dendritic cells, B lymphocytes, monocytes, macrophages, activated T lymphocytes and may be induced on a range of other cell types by interferon gamma. The major histocompatibility complex (MHC) is a cluster of genes some of which are important in the immune response to infections. In cattle, this complex is referred to as the bovine leukocyte antigen (BoLA) region. There are 2 major types of MHC class IIa molecules encoded by the BoLA which are DR and DQ each composed of an alpha and beta chain.
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilized
Sequence Length	255
Applicable Applications for anti-HLA-DQA1 antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1.0ml distilled water Perservative Stabilisers
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the NS1 mouse myeloma cell line. Buffer Solution
Target Species	Bovine
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. 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.



Application Data
Bovine peripheral blood lymphocytes stained with Mouse anti Bovine MHC Class II DQ:RPE (AAA50159)



Application Data
Bovine peripheral lymphocytes stained with Mouse anti Bovine MHC Class II DQ:FITC



Application Data
Bovine peripheral blood lymphocytes stained with Mouse anti Bovine MHC Class II DQ followed by Goat anti Mouse IgG:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-DQA1 antibody	MBS224487 specifically recognises Bovine MHC Class II DQ. MHC Class II molecules are constitutively expressed on antigen presenting cells such as dendritic cells, B lymphocytes, monocytes, macrophages, activated T lymphocytes and may be induced on a range of other cell types by interferon gamma. The major histocompatibility complex (MHC) is a cluster of genes some of which are important in the immune response to infections. In cattle, this complex is referred to as the bovine leukocyte antigen (BoLA) region. There are 2 major types of MHC class IIa molecules encoded by the BoLA which are DR and DQ each composed of an alpha and beta chain.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	75052529
Molecular Weight	27,859 Da
NCBI Official Full Name	MHC class II DQA2 (Major histocompatibility complex, class II, DQ alpha 1)
UniProt Protein Name	MHC class II DQA2
UniProt Gene Name	HLA-DQA1
UniProt Entry Name	Q30308_BOVIN

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.