

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

MOUSE ANTI BOVINE MHC CLASS II DQ

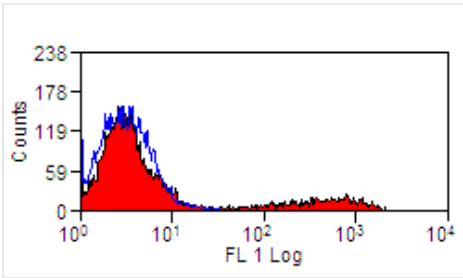
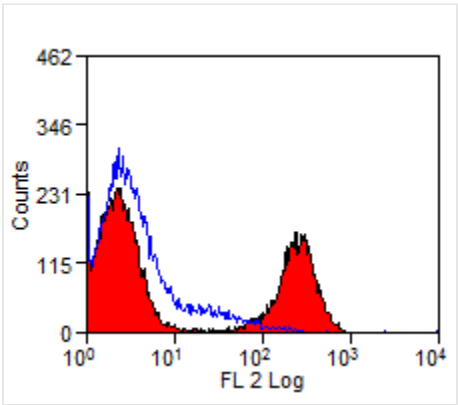
CATALOG #	HOST	APPLICATIONS
AAA50144	Mouse	Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

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

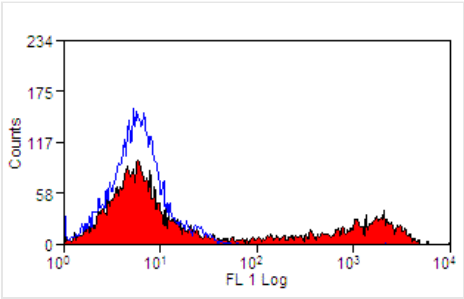
PRODUCT SPECIFICATIONS

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 Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	255
Applicable Applications for anti-HLA-DQA1 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Bovine
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



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:RPE



Application Data
Bovine peripheral blood lymphocytes stained with Mouse anti Bovine MHC Class II DQ (AAA50144) 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.