

Mouse MHC CLASS II DR Monoclonal Antibody | anti-HD59 antibody

MOUSE ANTI BOVINE MHC CLASS II DR:FITC

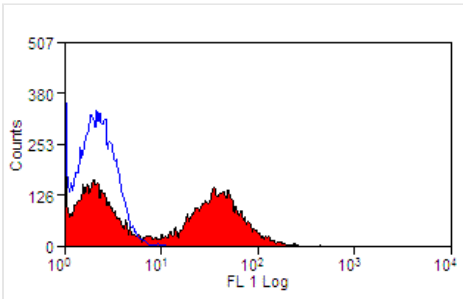
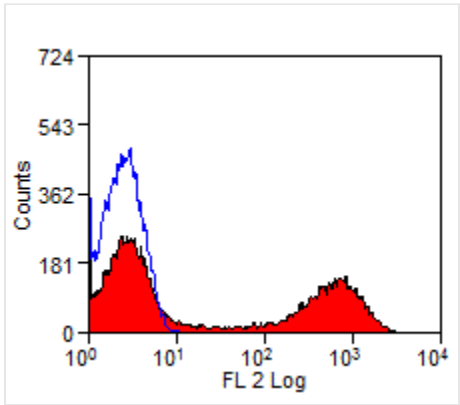
CATALOG # AAA50110	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

MHC CLASS II DR; Monoclonal Antibody; MOUSE ANTI BOVINE MHC CLASS II DR:FITC; anti-HD59 antibody

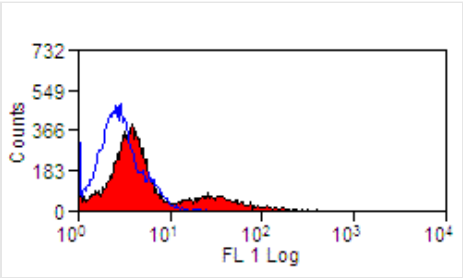
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CC108
Specificity	This item specifically recognises Bovine MHC Class II DR. 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	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1mg/ml (varies by lot)
Sequence Length	43
Applicable Applications for anti-HD59 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin Preparation
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the Mouse NS1 myeloma cell line. Buffer Solution
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 DR:FITC(AAA50110)

Application Data
Bovine peripheral lymphocytes stained with Mouse anti Bovine MHC Class II DR:RPE



Application Data
Bovine peripheral lymphocytes stained with Mouse anti Bovine MHC Class II DR followed by Goat anti Mouse IgG (H/L):FITC

ADDITIONAL INFORMATION

Related Product Information for anti-HD59 antibody

MBS224569 specifically recognises Bovine MHC Class II DR. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	75039424
Molecular Weight	4,586 Da
NCBI Official Full Name	MHC class 1 alpha chain
UniProt Protein Name	MHC class 1 alpha chain
UniProt Gene Name	HD59
UniProt Entry Name	P79464_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.