

Mouse MHC CLASS II DQ DR POLYMORPHIC Monoclonal Antibody

MOUSE ANTI SHEEP MHC CLASS II DQ DR POLYMORPHIC:RPE

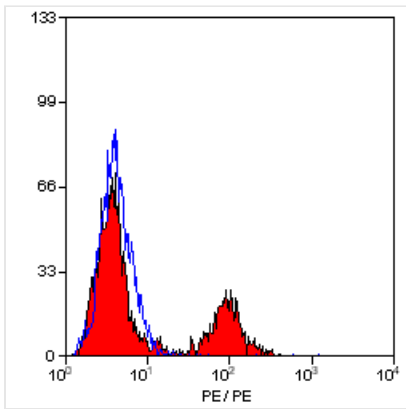
CATALOG # AAA49650	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

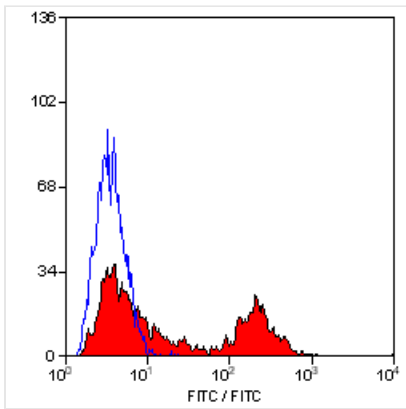
MHC CLASS II DQ DR POLYMORPHIC; Monoclonal Antibody; MOUSE ANTI SHEEP MHC CLASS II DQ DR POLYMORPHIC:RPE; anti-MHC CLASS II DQ DR POLYMORPHIC antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	28.1
Specificity	The major histocompatibility complex (MHC) is a cluster of genes some of which are important in the immune response to infections. In sheep, this complex is referred to as the ovine leukocyte antigen (OLA) region. There are 2 major types of MHC class IIa molecules encoded by the OLA which are DR and DQ each composed of an alpha and beta chain. This item recognises a polymorphic epitope on ovine MHC class II DQ and DR molecules, which 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. In recent work, this clone was found to recognise ovine MHC II transfectants DQ - T28.1, DQ - T26.2 and DR - T31.3 but not DR - T8.1.
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Applicable Applications for anti-MHC CLASS II DQ DR POLYMORPHIC antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1 ml distilled water Perservative Stabilisers
Immunogen	Ovine alveolar macrophages Fusion Partners
Target Species	Sheep
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at 4 degree C. This product should be stored undiluted. DO NOT FREEZE. 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
Staining of sheep peripheral blood lymphocytes with Mouse anti Ovine MHC CLASS II DQ/DR:RPE



Application Data
Staining of sheep peripheral blood lymphocytes with Mouse anti Ovine MHC CLASS II DQ/DR:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-MHC CLASS II DQ DR POLYMORPHIC antibody	The major histocompatibility complex (MHC) is a cluster of genes some of which are important in the immune response to infections. In sheep, this complex is referred to as the ovine leukocyte antigen (OLA) region. There are 2 major types of MHC class IIa molecules encoded by the OLA which are DR and DQ each composed of an alpha and beta chain.MBS215649 recognises a polymorphic epitope on ovine MHC class II DQ and DR molecules, which 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. In recent work, this clone was found to recognise ovine MHC II transfectants DQ - T28.1, DQ - T26.2 and DR - T31.3 but not DR - T8.1. Please refer to reference 7 (Ballingall, K. et al. 1995) for further information.
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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/mhc-class-ii-dq-dr-polymorphic-antibody-clone-28-1-flow-cytometry-elisa/49650>