

Mouse MHC CLASS II RT1B Monoclonal Antibody

MOUSE ANTI RAT MHC CLASS II RT1B

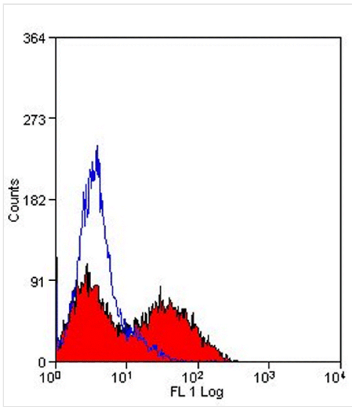
CATALOG #	HOST	APPLICATIONS
AAA11975	Mouse	Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

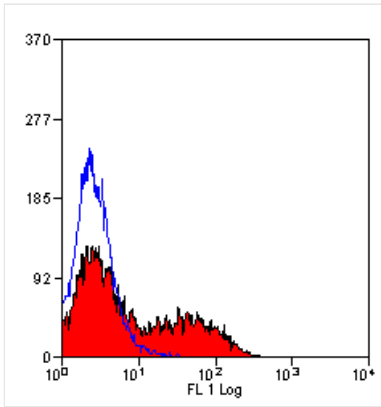
MHC CLASS II RT1B; Monoclonal Antibody; MOUSE ANTI RAT MHC CLASS II RT1B; anti-MHC CLASS II RT1B antibody

PRODUCT SPECIFICATIONS

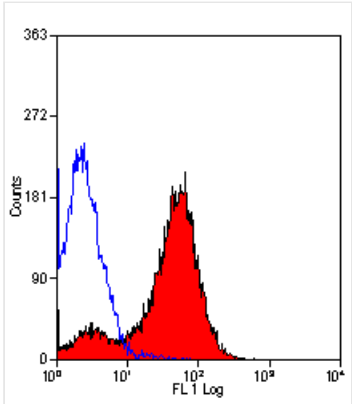
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	OX-6
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Applicable Applications for anti-MHC CLASS II RT1B antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. Flow Cytometry: Minimum Dilution: 1/50; Maximum Dilution: 1/100 Immunohistology - Paraffin: Minimum Dilution: 1/50; Maximum Dilution: 1/100; Application Note: This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose. PLP fixation is recommended for optimal results.
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Rat thymocyte membrane glycoprotein Fusion Partners
Target Species	Rat
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. 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.



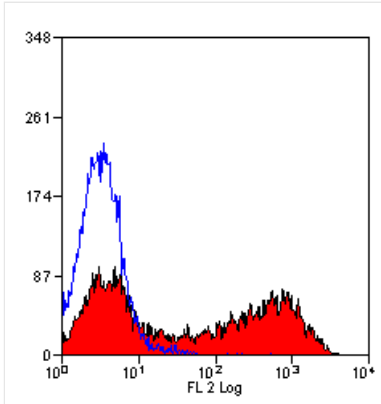
Application Data
Staining of rat splenocytes with Mouse anti Rat MHC class II RT1B



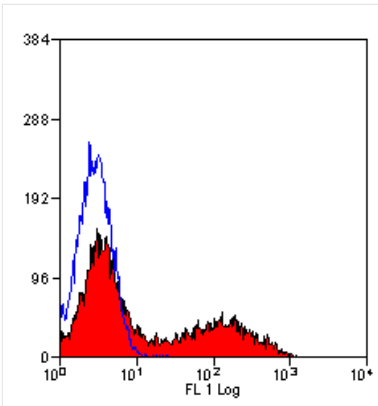
Application Data
Staining of rat spleen cells with Mouse anti Rat RT1B



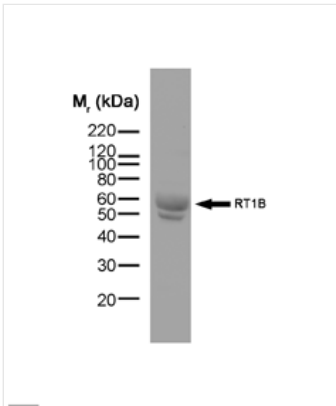
Application Data
Staining of rat spleen cells with Mouse anti Rat RT1B: FITC



Application Data
Staining of rat spleen cells with Mouse anti Rat RT1B: RPE



Application Data
Staining of rat spleen cells with Mouse anti Rat RT1B: FITC



Application Data
Rat Spleen Tissue lysate probed with Mouse anti Rat MHC Class II RT1B

ADDITIONAL INFORMATION

Related Product Information for anti-MHC CLASS II RT1B antibody

Mouse anti Rat MHC Class II RT1B antibody, clone OX-6 recognizes a monomorphic determinant of the rat RT1B MHC class II antigen present on B lymphocytes, dendritic cells, some macrophages and certain epithelial cells. Rat MHC Class II RT1B antibody, clone OX-6 does not react with the rat BDIX strain due to a defect in RT1B expression (Male et al. 1987). The major histocompatibility complex (MHC) is a cluster of genes that are important in the immune response to infections. In rats, this complex is referred to as the RT1 region. In mice, this complex is referred to as the H-2 region. Mouse anti Rat MHC Class II RT1B antibody, clone OX-6 also cross reacts with a polymorphic determinant on mouse strains of the H-2 haplotypes k and s. Analysis of recombinant mouse strains has mapped the OX-6 determinant to the H-2I-A region (McMaster and Williams 1979 and Male et al. 1987). This product is routinely tested in flow cytometry on rat splenocytes.

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-rt1b-antibody-clone-ox-6-immunohistochemistry-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/11975>