

Mouse RT1.A Monoclonal Antibody | anti-RT1.A antibody

Anti-Rat RT1.A Biotin (Clone OX-18) (mouse IgG1)

CATALOG # AAA74190	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry
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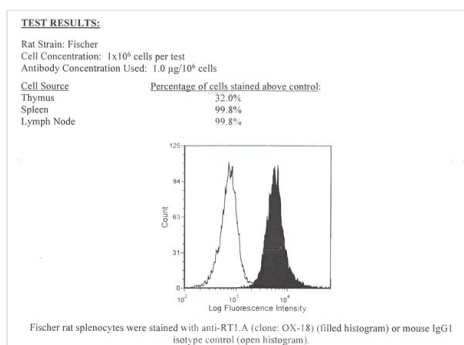
PRODUCT SYNONYMS

RT1.A; Monoclonal Antibody; Anti-Rat RT1.A Biotin (Clone OX-18) (mouse IgG1); RT1.A Biotin (Clone OX-18) (mouse IgG1); Biotin Anti-Rat RT1.A Monoclonal Antibody; anti-RT1.A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	OX-18
Specificity	RT1.A (Rat RT1.A)
Form/Format	Biotin (Biotin conjugated Ig buffered in PBS, 0.02% NaN3 and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml. (Purified from ascitic fluid via Protein G Chromatography))
Concentration	Antibody Concentration: 0.1 mg/ml (varies by lot)
Applicable Applications for anti-RT1.A antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Immunogen	rat spleen membrane glycoproteins depleted of Ia-A antigens
Donor	BALB/c spleen
Fusion Partner	X63 Ag8.653
Preparation and Storage	Store at 4 degree C. For long term storage, aliquot and freeze unused portion at -20 degree C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-RT1.A antibody	anti-rat RT1.A monoclonal antibody recognizes a monomorphic determinant of rat Class I MHC antigen (RT1.A) and thus reacts with all rat strains tested including AO(RT1u), DA (RT1a), LEW (RT11) and PVG (RT1c). However, quantitative measurements suggest that only a subfraction of the total Class I molecules are recognized (2). MBS520406 labels all peripheral lymphocytes but only a subfraction of thymocytes. It may be that the weakly labelled cells do in fact express some OX-18 antigenic determinants but there is clearly a major quantitative difference amongst thymocytes. This monoclonal used in tissue sections preferentially labels lymphoid cells in the medulla of the thymus including those cells with the marker phenotype of mature T lymphocytes. (2).
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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/rt1a-antibody-clone-ox-18-flow-cytometry-immunohistochemistry-elisa/74190>