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RT1.A Monoclonal Antibody (OX-18), Biotin

Catalog Number **MA5-17410**

Product data sheet

Details	
Size	500 µg
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	OX-18
Immunogen	rat spleen membrane glycoproteins depleted of Ia-A antigens
Conjugate	Biotin
Form	Liquid
Concentration	0.1 mg/mL
Purification	Protein G
Storage buffer	PBS with 4-5mg/mL BSA
Contains	0.02% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Species Reactivity	
Species reactivity	Rat

Tested Applications	Dilution *
Flow Cytometry (Flow)	1.0 µg/1x10^6 cells
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Background/Target Information

This protein is a non-polymorphic determinant of rat MHC Class I, which is also known as RT1-A. Rat MHC Class I is expressed on all nucleated cells and erythrocytes. HLA and MHC antibodies play a significant role in Immunopeptidomics, facilitating the identification and characterization of neoantigens through high-performance liquid chromatography coupled to tandem Mass Spectrometry.

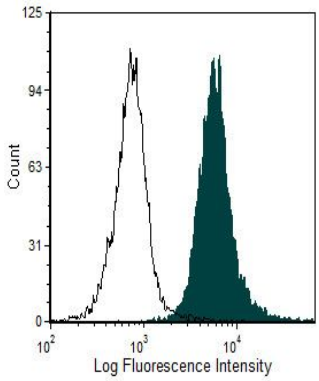
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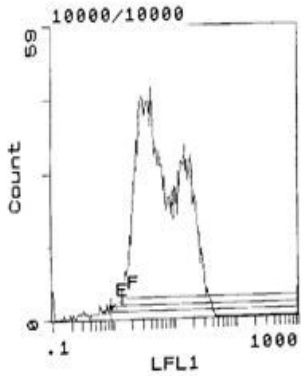
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Product Images For RT1.A Monoclonal Antibody (OX-18), Biotin



RT1.A Antibody (MA5-17410) in Flow

Flow cytometric analysis of Fischer rat splenocytes were stained using a RT1.A monoclonal antibody (Product # MA5-17409) (filled histogram) or mouse IgG1, Kappa isotype control (open histogram).



RT1.A Antibody (MA5-17410) in Flow

Flow cytometric analysis of Spleen Cells staining using anti-RT1.A Monoclonal Antibody (Product # MA5-17409) at a 1.0 µg/10^6 cells dilution. The Isotypic control was a Biotin Mouse IgG1

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