



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Rat RT1Ac

With HRP-conjugated Secondary Antibody

Catalog No. DS-MB-02251	Target Species Rat	Isotype IgG2a
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Preparation

Immunogen: PHA activated rat lymphocytes

Purification: Purified IgG prepared by affinity chromatography on Protein G .

Specificity

DS-MB-02251 recognizes a polymorphic determinant (c haplotype) of rat Class I MHC Antigen (RT-1A).

Formulation

Product Form: Purified IgG - liquid

Approx. Protein Concentrations: Isotype concentration 1.0 mg/ml

Fusion Partners: Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.

Storage

Store at +4°C or at -20°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 shipment.

Recommended Reading:

1. Jefferies, W.A. *et al.* (1985) Analysis of lymphopoietic stem cells with a monoclonal antibody to the rat transferrin receptor. *Immunology* 54: 333-341.
2. Barclay, A.N. (1981) The localization of populations of lymphocytes defined by monoclonal antibodies in rat lymphoid tissues. *Immunology* 42: 593-600.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Western Blotting			•	
ELISA			•	
Immunohistology - frozen	•			
Flow Cytometry	•			1/50 - 1/100

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

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