



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse IgG1 Negative Control, Azide-free

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-03569

Target Species
Negative Control

Isotype
IgG1

Preparation

Purified IgG prepared by affinity chromatography on Protein G

Immunogen: Human T lymphocytes

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

Formulation

Product Form: Purified IgG - liquid

Product Type: Negative/Isotype Control

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: None present

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Specificity

DS-MB-03569 has been tested and found to be negative on the following rat tissues - peripheral blood leucocytes, thymocytes, splenocytes and macrophages.

Applications

Options	YES	NO	Not determined	Recommended Work dilution or concentration
Functions				
Flow Cytometry (1)	•			
Western Blotting			•	
ELISA			•	

Note: Other applications have not been tested. Optimal dilutions should be determined.
(1) Use 10ul of the suggested working dilution to label 10^6 cells in 100ul. Method sheets are available on request.

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



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Secondary Antibody Applications

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

Storage

Store at -20°C only.

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 dispatch.

Reference

1. Weiss, D. *et al.* (2008) Bovine monocyte TLR2 receptors differentially regulate the intracellular fate of *Mycobacterium avium* subsp. *paratuberculosis* and *Mycobacterium avium* subsp. *avium*. *J. Leukoc. Biol.* 83: 48-55.

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