



RayBiotech, Inc.

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Norcross, GA 30092
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Certificate of Analysis and Data Sheet Mouse Anti-Human IgM, FITC-labeled

Catalog No.
DS-MB-03359

Species
Human

Isotype
IgG1

Preparation

Preparation: Purified IgG prepared by affinity chromatography on Protein A

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

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid

Buffer Solution: Phosphate buffered saline

Preservative & Stabilizers: 0.09% Sodium Azide; 1% Bovine Serum Albumin

Approx. Protein Concentrations: IgG concentration 0.1 mg/ml

Specificity

This product recognizes human IgM, binding to the u heavy chain. The antibody does not cross-react with other immunoglobulin classes.

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 dispatch

**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 |
|-----------------------------|-----|----|----------------|--|
| ELISA | | | ▪ | |
| Immunoprecipitation | | | ▪ | |
| Flow Cytometry | ▪ | | | Neat |
| Immunohistology – Frozen | | | ▪ | |

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

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