



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Human IgG (CH3 domain)

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-03338

Target Species
Human

Isotype
IgM

Preparation

Immunogen: pFc' from purified protein of Heavy Chain Disease

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

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgM - liquid

Preservative Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentration: Ig concentration 1 mg/ml

Specificity

DS-MB-03338 reacts with the CH3 domain of human IgG

Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. 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

**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	•			
Western Blotting	•			
IHC – Paraffin (1)	•			
IHC - Frozen	•			
Flow Cytometry			•	
Hemagglutination	•			

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

(1) This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.

Secondary Antibody Applications

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

References

1. Nelson, P.N. *et al.* (1990) Evaluation of monoclonal antibodies with putative specificity for human IgG allotypes. *Vox Sang.* 59: 190-197.
2. Nelson, P.N. *et al.* (1994) Characterisation of putative monoclonal anti - G3m(u) and anti - G3m(g) reagents and their antigenic determinants. *Immunol. Invest.* 23: 39-45.

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