



RayBiotech, Inc.

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Norcross, GA 30092
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Certificate of Analysis and Data Sheet Mouse Anti-Human IgG2, HRP-conjugated

Catalog No.
DS-MB-03346

Target Species
Human

Isotype
IgG1

Preparation

Purification: Purified IgG prepared by affinity chromatography on Protein A

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.05% Proclin™300, 0.002% Methylisothiazolone, 0.002%
Bromonitrodioxane.

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Specificity

Human IgG2, recognizing an epitope in the Fab region. No cross-reactivity is observed with Human IgG1, IgG3 or IgG4 isotypes.

Storage

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

This product should be stored undiluted.

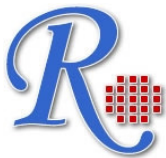
Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from date of dispatch.

References

1. Jefferis, R. *et al.* (1985) Evaluation of monoclonal antibodies having specificity for human IgG sub-classes. Results of an IUIS/WHO collaborative study. *Immunology Letters* 10: 223-252.
2. Jefferis, R. *et al.* (1990) Selective IgG subclass deficiency: quantification and clinical relevance. *Clin. Exp. Immunol.* 81: 357-367.
3. Hussain, R. *et al.* (1986) Use of monoclonal antibodies to quantify subclasses of human IgG. *J. Immunol. Methods* 93: 89-96.

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



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Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry			•	
Immunohistology - Frozen	•			1/10 - 1/20
Immunohistology - Paraffin			•	
Immunohistology - Resin			•	
Western Blotting			•	
Elisa	•			1/3200 - 1/6400

Note: Other applications have not been tested. Optimal dilutions should be determined.

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