



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

MOUSE ANTI ROTAVIRUS CAPSID PROTEIN

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-02239

Species
Viral

Isotype
IgG2

Preparation

Immunogen: Viral proteins

Purification: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.

Fusion Partners: Spleen cells from immunized mouse were fused with cells of the mouse myeloma cell line.

Specificity

DS-MB-02239 recognizes the p41 capsid protein of Rotavirus from human, monkey and porcine isolates.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.09% Sodium azide

Concentration: 0.1 mg/ml

Storage

Shelf Life 12 months from date of dispatch.

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. Should this product contain a precipitate we recommend microcentrifugation before use.

Avoid repeated freezing and thawing as this may denature the antibody.

Centrifuge before opening to ensure complete recovery of vial contents.

**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(2) | . | | | |
| Immunohistology - frozen | | | . | |
| Immunohistology – paraffin (3) | | | . | |
| Immunohistology - resin | | | . | |
| Immunoprecipitation | | | . | |
| Flow Cytometry | | | . | |
| Immunofluorescence staining | | | . | |
| Neutralization | | | . | |

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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