



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## Mouse Anti Rat RECA-1

With HRP-conjugated Secondary Antibody

**Catalog No.**

DS-MB-02200

**Target Species**

Rat

**Isotype**

IgG1

### **Preparation**

**Immunogen:** Stromal cells from rat lymph node

**Preparation:** Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

**Fusion Partners:** Spleen cells from immunized mice were fused with cells of the SP2/0 mouse myeloma cell line.

### **Formulation**

**Product Type:** Monoclonal Antibody

**Product Form:** Purified IgG - liquid

**Preservative & Stabilizers:** 0.09% Sodium Azide

**Approx. Protein Concentrations:** IgG concentration 0.5 mg/ml

### **Specificity**

DS-MB-02200 recognizes RECA-1, a cell surface antigen which is expressed by all rat endothelial cells. Does not react with Goat, Chicken, Guinea Pig, Sheep, Mouse, Rabbit or Pig

### **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               |     |    | ▪              |  |
| Western Blot        |     | ▪  |                |  |
| IHC - Paraffin      |     | ▪  |                |  |
| IHC - Frozen        | ▪   |    |                |  |

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                             |

### Reference

1. Duijvestein, A.M. *et al.* (1992) Antibodies defining rat endothelial cells: RECA-1 a pan-endothelial cell specific monoclonal antibody. *Lab. Invest* 66: 459.

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