



## RayBiotech, Inc.

3607 Parkway Lane suite 200  
Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
Fax: 770-206-2393  
Website: [www.raybiotech.com](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

# Certificate of Analysis and Data Sheet

## Rat Anti-Mouse CD169:FITC

**Catalog No.**  
DS-MB-03741

**Target Species**  
Mouse

**Isotype**  
IgG2a

### Synonyms

SA, SN

### Preparation

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

**Immunogen:** Purified Sialoadhesin

**Fusion Partners:** Spleen cells from an immunized AO rat were fused with the cells of the Y3 rat myeloma cell line.

### Specificity

DS-MB-03741 recognizes mouse CD169, a sialic acid binding site of sialoadhesin. CD169 is a macrophage receptor expressed on stromal macrophages in many tissues, particularly found in lymph nodes, bone marrow and spleen.

### Formulation

**Product Type:** Monoclonal Antibody

**Product Form:** Purified IgG - liquid

**Buffer Solution:** Phosphate buffered saline

**Preservative Stabilizers:** 0.09% Sodium Azide (NaN<sub>3</sub>), 1% Bovine Serum Albumin

**Approx. Protein Concentrations:** IgG concentration 0.1 mg/ml

### Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry (1)	•			Neat - 1/5
Immunofluorescence	•			1:50 – 1:200
Elisa	•			1:2,000 – 1:8,000

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.  
(1) The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.

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



## RayBiotech, Inc.

3607 Parkway Lane suite 200  
Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
Fax: 770-206-2393  
Website: [www.raybiotech.com](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

---

### **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 dispatch.

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