



## RayBiotech, Inc.

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Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
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### Certificate of Analysis and DataSheet Mouse Anti CD54

**Catalog No.**  
MD-11-0090

**Host Species**  
Mouse

**Isotype**  
IgG<sub>1</sub>, kappa

#### **Description**

Monoclonal Antibody to Human CD54

#### **Preparation**

**Source:** Ascites

**Purification:** >90% pure (SDS-PAGE). Protein A chromatography.

#### **Specificity**

Human CD54. Found in haemopoietic cells and vascular endothelium. Blocks CD54 function. Cytokine activation causes expression in other cell types such as fibroblasts and keratinocytes. ICAM-1 is involved in leukocyte recruitment, inflammation.

#### **Formulation**

**Format:** Purified, Liquid

**Concentration:** 1.1mg/ml

**Buffer:** 10mM Sodium phosphate, pH 7.4 containing 150mM Sodium Chloride

**Preservative:** 0.1% Sodium azide

#### **Storage**

Short term (up to 7 days) store at 2–8°C. Long term, aliquot and store at <-40°C. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated freeze/thaw cycles.

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



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### ***Applications***

Suitable for use in Immunohistochemistry and Immunoprecipitation. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

### ***Warning***

This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

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