



## RayBiotech, Inc.

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# Certificate of Analysis and DataSheet

## Mouse Anti Human IgA1

**Catalog No.**  
MD-12-0009

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

### Preparation

**Host Animal:** Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice.  
**Purification:** >90% pure (SDS-PAGE). Protein A chromatography  
**Immunogen:** IgA from human colostrum  
**Source:** Ascites

### Specificity

Alpha-1-subclass specific. IgA<sub>1</sub> Relatively high affinity. No allotype restriction.

### Formulation

**Format:** Purified, Liquid  
**Concentration:** 3mg/ml (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 1.4)  
**Buffer:** PBS, pH 7.4  
**Preservative:** 0.1% Sodium azide

### Applications

Suitable for use in ELISA. 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.

### Storage

Store at 2–8°C.

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