



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

#### Mouse Anti Adenovirus With HRP-conjugated Secondary Antibody

**Catalog No.**  
DS-MB-00026

**Species**  
Viral

**Isotype**  
IgG2a

#### **Preparation**

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

**Immunogen:** Adenovirus type 3 (ATCC strain VR847)

#### **Specificity**

DS-MB-00026 recognizes all Adenovirus serotypes; binding to the hexon polypeptide. No cross-reactions are known.

Hexon protein is a major coat protein of adenoviruses. Adenoviruses capsids have three principal protein components: the hexon, the penton, and the fiber. Hexon consists of three subunits together forming two major components of different morphological symmetry. A triangular top with three towers of density is superimposed on a more bulky pseudo-hexagonal base.

**Immunohistology:** This product requires protein digestion pre-treatment of paraffin sections, e.g. trypsin or pronase, prior to staining.

#### **Formulation**

**Product Type:** Monoclonal Antibody

**Product Form:** Purified IgG - liquid

**Buffer Solution:** Phosphate buffered saline, pH 7.2

**Approx. Protein Concentrations:** 1.0 mg/ml

**Preservative Stabilizers:** 0.09% Sodium Azide (NaN<sub>3</sub>)

**Purity:** >90% IgG content

#### **References**

1. Maddox, A. *et al.* (1992) Adenovirus infection of the large bowel in HIV positive patients. J. Clin. Pathol. 45: 684 - 688.

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



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### 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

### Applications

**Table Summary of antibody applications and working conditions**

<b>Options Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA	.			
Western Blotting			.	
Immunohistology - frozen	.			
Immunohistology – paraffin	.			
Immunohistology - resin			.	
Immunoprecipitation			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
Immunofluorescence			.	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

### Secondary Antibody Applications

<b>Options Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
Immunoassay (ELISA, Western blot)	.			1:5000-1:10000

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