



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
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Mouse Anti Adenovirus Hexon

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-00030

Species
Viral

Isotype
IgG1

Preparation

Preparation: Purified IgG prepared by affinity chromatography on Protein A.

Immunogen: ATCC VR5 virus

Specificity

DS-MB-00030 recognizes the hexon group antigen present in most adenovirus serotypes.

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.

DS-MB-00030 is suitable for use as a detection antibody in a sandwich ELISA with DS-MB-00029 as the capture antibody. DS-MB-00030 has known reactivity with at least 17 serotypes of Adenovirus including types 40 & 41.

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 (NaN₃)

**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

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			1/20 - 1/200
Western Blotting			.	
Immunohistology - frozen			.	
Immunohistology – paraffin			.	
Immunohistology - resin			.	
Immunoprecipitation			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
Immunofluorescence	.			1/10 - 1/50

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

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