



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Influenza A Nucleoprotein

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-03438

Target Species
Viral

Isotype
IgG2a

Preparation

Purified IgG prepared by affinity chromatography on Protein G

Immunogen: Purified influenza virus type A (H1N1)

Fusion Partners: Spleen cells from immunized BALB/c mice were fused with cells of the SP2/0 myeloma cell line

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Specificity

DS-MB-03438 recognizes influenza virus type A nucleoprotein. The antibody binds to a conserved epitope on the nucleoprotein that is common for influenza A (H1N1), (H3N3) and other influenza A viruses.

The antibody does not cross react with influenza virus type B.

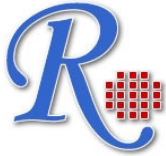
Applications

Table Summary of antibody applications and working conditions

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunohistology - Frozen	•			
Immunohistology - Paraffin			•	
ELISA	•			

Note: Other applications are not tested yet. Optimal dilutions should be determined.

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



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Secondary Antibody Applications

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

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.

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