



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Parainfluenza Virus 3

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-02090

Target Species
Viral

Isotype
IgG2a

Preparation

Immunogen: Crude viral lysate, native

Purification: Purified IgG prepared by affinity chromatography on Protein A

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Approx. Protein Concentration: 1.0mg/ml

Specificity

DS-MB-02090 recognizes haemagglutinin from parainfluenza virus type 3 (HPIV-3), an enveloped single-stranded RNA virus of the *Paramyxoviridae* family.

Parainfluenza viruses are genetically and antigenically divided into the four types HPIV1-4, with HPIV-1, -2 and -3 being major causative agents of lower respiratory infections in the young and immunologically vulnerable.

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 shipment

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



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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			•	
IHC - Frozen	•			1/10 - 1/50
IHC - Paraffin			•	
Immunoprecipitation			•	
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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