



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

MOUSE ANTI HUMAN INTERFERON ALPHA

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01575

Species
Human

Isotype
Mouse IgG1

Preparation

Immunogen: Recombinant Human Interferon alpha -A

Purification: Purified IgG prepared by affinity chromatography on Protein A

Fusion Partners: Spleen cells from immunised BALB/c mice were fused with cells of the X63.
Ag8.653 myeloma cell line.

Specificity

DS-MB-01575 recognizes all the common epitopes of IFN-alpha-A, F, D, I1 and P subtypes. Strongest reaction in ELISA is with subtypes alpha F and alpha D. It has an affinity constant of 2.4×10^{-10} M.

Formulation

Product Form: Purified IgG – liquid

Buffer Solution: Phosphate buffered saline pH7.4

Preservative & Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Storage

18 months shelf life. Store at +4°C or at -20°C if preferred.

This product should be stored undiluted. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

Please avoid freeze-thaw cycles.

**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	•			
Western Blotting	•			
Immunohistology - frozen			•	
Immunohistology - paraffin			•	
Immunohistology - resin			•	
Immunoprecipitation			•	
Flow Cytometry			•	
Immunofluorescence staining			•	
Neutralization			•	

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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