



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 CAT INTERFERON GAMMA

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01597

Species
Cat

Isotype
IgG1

Preparation

Immunogen: Recombinant feline IFN gamma

Purification: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Specificity

This product recognizes feline interferon gamma.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Approx. Protein: Concentrations: IgG concentration 1.0 mg/ml

Preservative Stabilizers: 0.09% Sodium Azide

Storage

18 months from date of dispatch.

Storage: 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.

**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*	•			1/10 – 1/100
Functional Assays			•	
Immunofluorescence staining			•	
Neutralization			•	

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

* Flow Cytometry Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul.

Secondary Antibody Applications

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

Reference

Flynn, J.N. et al. (2003) Adoptive immunotherapy of feline immunodeficiency virus with autologous ex vivo-stimulated lymphoid cells modulates virus and T-cell subsets in blood. Clin. Diag. Lab. Immunol. 12: 736 - 745.

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