



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-DNA (Intercalated)

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01181

Species
Bovine

Isotype
IgG1

Preparation

Purification: Purified IgG prepared by affinity chromatography on Protein A

Immunogen: Calf thymus DNA intercalated with ethidium bromide.

Specificity

DS-MB-01181 reacts with intercalated DNA. It does not react with single or double stranded DNA, or ethidium bromide.

Species Cross Reactivity: Reacts with Human

* Antibody reactivity and working conditions may vary between species.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline, pH 7.2

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry (1)	•			Neat - 1/10
ELISA	•			
Western Blotting			•	

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

(1) Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul.

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



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Secondary Antibody Applications

<div>Options</div> <div>Functions</div>	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blotting)	•			1:5,000-1:10,000

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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