



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Ferritin

Catalog No.
MD-14-0290

Species
Human

Isotype
IgG_{2a}, kappa

Preparation

Immunogen: Human Spleen.

Source: Ascites

Host Animal: Mouse

Specificity

MD-14-0290 cross-reacts with Liver Ferritin 100%

Purification

>90% pure (SDS-PAGE). Protein A chromatography. Product is 0.2µm filtered.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified, Liquid

Preservative Stabilizers: 0.1% Sodium azide

Buffer: 10mM Phosphate, pH 7.4 containing 150mM Sodium chloride

Concentration: 5.12mg/ml (OD280nm, E^{0.1%} = 1.4)

Affinity Constant: Not Determined

Storage

Short-term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -40°C. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated freeze/thaw cycles.

Shelf Life: 18 months from date of dispatch

**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			.	
Immunodiffusion			.	
Radioimmunoassays			.	

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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