



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse anti Human CD173

With HRP-conjugated Secondary Antibody

Catalog No.	Species	Isotype
DS-MB-00420	Human	IgG1

Preparation

Immunogen: HEL cell line

Specificity

DS-MB-00420 recognizes the type 2 H blood group antigen, recently designated CD173. Active H substances in human, are expressed by many cells and tissues and also by erythrocytes.

Formulation

- **Product Type:** Monoclonal Antibody
- **Product Form:** Purified IgG - liquid
- **Buffer Solution:** Tris buffered glycine, pH 7.4
- **Preservative & Stabilizers:** 0.09% Sodium Azide
- **Approx. Protein Concentrations:** IgG concentration 0.1 mg/ml

Storage

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.

Avoid repeated freezing and thawing.

Shelf Life: 18 months from date of shipment.

Reference

1. Clausen, H. and Hakomori, S. (1989) ABH and related histo-blood group antigens; immunochemical differences in carrier isotypes and their distribution. Vox Sang 56(1): 1-20.

**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
Haemagglutination	•			
ELISA			•	
Western Blotting			•	
Immunohistology - frozen			•	
Immunohistology - paraffin			•	
Immunohistology - resin			•	
Immunoprecipitation			•	
Immunofluorescence staining			•	
Flow Cytometry(*)	•			Neat - 1/10

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

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

Secondary Antibody Applications

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

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