



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-Human CDw108

With HRP-conjugated Detection Reagent

Catalog No.
DS-MB-00979

Target Species
Human

Isotype
IgM

Preparation

Synonyms: CD108, SEMAL

Purification: Purified IgM prepared by ion exchange chromatography

Ig fraction prepared by ammonium sulphate precipitation from tissue culture supernatant

Specificity

DS-MB-00979 recognizes the human CDw108 cell surface antigen, an 80kD GPI linked glycoprotein identical to the JMH blood group antigen.

CDw108 is expressed by erythrocytes, some T cell lines and some activated lymphocytes

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgM - liquid

Buffer Solution: Phosphate buffered saline pH 7.4

Preservative Stabilizers: 0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations: Isotype concentration 1.0mg/ml

Ig concentration 1.0 mg/ml

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry	•			1:10 – 1:50
Immunoprecipitation	•			
Western Blotting	•			Non-reducing conditions

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

(1) Use 10ul of the suggested working dilution to label 10⁶ cells or 100ul whole blood Method sheets are available on request

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



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Secondary Antibody Applications

Options Functions	ELISA	Western Blotting	Others	Recommended Work dilution or concentration
Biotinylated Anti-Mouse (IGM)	•	•		1:5,000-1:10,000
HRP-Conjugated Streptavidin	•	•		1:1,000-1:2,000

Storage

Store at +4°C or at -20°C if preferred.

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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