



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 Factor H

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01277

Target Species
Human

Isotype
IgG1

Preparation

Synonyms: HF, HF1, HF2

Immunogen: Human complement factor H

Fusion Partners: NS-O myeloma fused with spleen cells from BALB/c mice.

Specificity

DS-MB-01277 recognizes the human serum complement protein factor H (155kD), binding to a different epitope from MRC OX23. The antibody also recognizes a 43-49kD truncated form of factor H present at low level (1-5 ug/ml) in plasma and urine. In an immunoprecipitation system, it recognizes factor H in other primates, but not in cow, sheep, pig, chicken or rabbit sera.

This antibody inhibits the binding of factor H to surface bound C3b, and recognizes Factor H in Western blotting procedures.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Preservatives & Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentration: IgG concentration 1.0mg/ml

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.

**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		.		

Note (1) 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

References

1. Alsenz, J. *et al.* (1985) Structural and functional analysis of the complement component factor H with the use of different enzymes and monoclonal antibodies to Factor H. *Biochem. J.* 232: 841-850.
2. Fontaine, M. *et al.* (1989) Truncated forms of human complement factor H. *Biochem. J.* 258: 927-930.
3. Sim, E. *et al.* (1983) Monoclonal antibodies against the complement control protein factor h (beta 1H). *Biosci. Rep.* 3: 1119-1131.

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