



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 C3a

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-00152

Target Species
Human

Isotype
IgG2b

Preparation

Immunogen: Native human C3a

Preparation: Purified IgG prepared by affinity chromatography on Protein A

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG – lyophilized

Reconstitution: Use 1 ml distilled water.

Buffer Solution: Phosphate buffered saline

Preservative & Stabilizers: 0.09% Sodium Azide

Specificity

Recognizes a determinant on the alpha chain of C3 (Western blot). The determinant is localized in the C3a segment of the alpha chain. Reacts with Human, guinea pig and rabbit. Antibody reactivity and working conditions may vary between species.

*Inhibits the anaphylactic function of C3a; the capacity of C3a to induce serotonin release from thrombocytes in vitro is inhibited; similarly, treatment of C3a with the antibody inhibits the C3a-induced skin reaction in vivo.

Storage

Prior to reconstitution store at +4°C. After reconstitution 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: 12 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 Blot	▪			
IHC - Paraffin			▪	
IHC - Frozen	▪			

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

Health and Safety Information

This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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