



## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet Mouse Anti Complement C3b-Beta

**Catalog No.**  
MD-14-0168

**Species**  
Human

**Isotype**  
IgG<sub>1</sub>

## Preparation

**Host Animal:** Mouse  
**Source:** Ascites  
**Immunogen:** Human complement component C3  
**Purification:** Protein A chromatography

## Specificity

Recognizes a determinant present on native (circulating) C3 and on the fragments C3b and C3c. The antibody is directed to a determinant present on the beta-chain of the C3-molecule (Western blot). It does not react with the anaphylatoxin C3a or the fragment C3d and does not inhibit the hemolytic function of C3.

## Formulation

**Format:** Purified, Lyophilized  
Reconstitute with 1ml distilled water.  
**Concentration:** 50ug/ml (prior to lyophilization)  
**Affinity Constant:** Not determined.  
**Buffer:** Lyophilized from PBS, pH 7.4 containing 0.5% BSA  
**Preservative:** 0.09% Sodium azide

## Storage

Store at 2–8°C.  
Centrifuge before opening to ensure complete recovery of vial contents.

**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**

<b>Options Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA			.	
Western blotting	.			
Immunofluorescence			.	
Immunohistochemistry (frozen sections)	.			
EIA			.	
Flow Cytometry			.	
Flow Staining			.	
IFA			.	

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

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