



## RayBiotech, Inc.

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Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
Fax: 770-206-2393  
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### Certificate of Analysis and Data Sheet

#### Mouse Anti-Hu IgM, Fab-region localized epitope

**Catalog No.**  
MD-12-0071

**Isotype:**  
IgG2b

***Description:***

MAb to Hu IgM  
Monoclonal Antibody to Human Immunoglobulin M (IgM)

***Specificity:***

Mu-chain of human IgM. Fab-region localized epitope.

***Host Animal:***

Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice.

***Source:***

Ascites

***Immunogen:***

IgM from human serum

***Format:***

Purified, Liquid

***Purification:***

>90% pure (SDS-PAGE). Protein A chromatography

***Concentration:***

3.5mg/ml (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 1.4)  
Titer: 5x10<sup>-7</sup> by indirect ELISA.

***Affinity Constant:***

Not determined

***Buffer:***

PBS, pH 7.4

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



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### ***Preservative:***

0.1% Sodium azide

### ***Applications:***

Can be used for specific IgM antibodies detection and for total IgM level detection. Can also be used as a capture antibody for total IgM level detection. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

### ***Storage:***

Store at 2–8°C.

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