



RayBiotech, Inc.

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Norcross, GA 30092
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Certificate of Analysis and Data Sheet Mouse Anti-Human IgM (Heavy Chains)

Catalog No.
MD-12-0072

Isotype:
IgG1

Description:

Monoclonal Antibody to human Immunoglobulin M (IgM), Heavy chains

Specificity:

Specific for the heavy chain of human IgM (mu chain of human IgM). Does not cross-react with IgG, IgA and IgE when tested by double immunodiffusion and ELISA.

Host Animal:

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

Isotype:

IgG1

Immunogen:

IgM from human serum

Format:

Purified, Liquid

Purification:

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

Concentration:

3.3mg/ml (OD_{280nm}, E_{0.1%} = 1.4)

Titer: 5x10⁻⁷ (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 detection of IgM antibodies and total IgM. Suitable for use in ELISA and Western blot. 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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