

## Monoclonal Antibody to Mouse IgM (heavy chain) - FITC

<b>Alternate names:</b>	Immunoglobulin M mouse
<b>Catalog No.:</b>	SM1025F
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Host / Isotype:</b>	Rat / IgG2a
<b>Clone:</b>	LO-MM-9
<b>Immunogen:</b>	Polyclonal and monoclonal mouse IgM. Spleen cells from immunised LOU/c rats were fused with cells of the IR983F rat myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Purification:</b> Affinity chromatography on mouse IgM/Sepharose 4B <b>Buffer System:</b> PBS, pH7.2 containing 0.09% Sodium Azide and 50% Glycerol <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	Flow Cytometry: 5 µg/ml; use 5 µl of the suggested working dilution to label 10e6 cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody is directed against the mu chain of IgM. <b>Species:</b> Mouse. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
<b>General References:</b>	1. Bazin, H., Cormont, F. and De Clercq, L. (1984) Rat monoclonal antibodies. II. A rapid and effective method of purification from ascitic fluid or serum. <i>J. Immunol. Methods</i> 71: 9-16. 2. Bazin, H., Beckers, A. and Querinjean, P. (1974) Three classes and four (sub) classes of rat immunoglobulins: IgM, IgA, IgE and IgG1, IgG2a, IgG2b and IgG2c. <i>Eur. J. Immunol.</i> 4: 44-48. 3. Gutman, G.A., Bazin, H., Rockhiin, O.V. and Nezlin, R.S. (1983) <i>Transp. Proc.</i> 15: 1685-1686.

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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