

## Monoclonal Antibody to Rat IgG2a (heavy chain) - FITC

<b>Catalog No.:</b>	SM1031F
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	MARG2a-1
<b>Immunogen:</b>	Purified Rat immunoglobulins from the IR33 - anti horse Ferritin antibody. Spleen cells from immunised BALB/c mice were fused with cells of the PAI-0 mouse myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Purification:</b> Affinity Chromatography <b>Buffer System:</b> PBS containing 0.09% Sodium Azide and 50% Glycerol <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	<b>Flow Cytometry:</b> Use 10 µl of 5 µg/ml diluted antibody to label 10 <sup>6</sup> cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody specifically recognises IgG2a, no cross reactivity is observed with other immunoglobulin subclasses. <b>Species:</b> Rat. Other species not tested.
<b>Storage:</b>	Store 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., Beckers, A. & Querinjean, P. (1974) Eur. J. Immunol. 4: 44-48. 2. Kohler, G. & Milstein, C. (1975) Nature 256: 495-497. 3. Schulman, M., Wilde, C.D. & Kohler, G. (1978) Nature 276: 269-270. 4. Bazin, H., Beckers, A., Deckers, C. & Moriame, M. (1973) J. Natl. Cancer Institute 51: 1359-1361. 5. Bazin, H., Beckers, A., Urbain-Vansanten, G., Pauwels, R., Bruyns, C., Tilkin, A.F., Platteu, B. & Urbain, J. (1978) J. Immunol. 121: 2077-2082.

**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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