

Monoclonal Antibody to Mouse IgG1 (heavy chain) - FITC

Alternate names:	Mouse Immunoglobulin G1
Catalog No.:	SM1017F
Quantity:	0.5 mg
Concentration:	1.0 mg/ml
Host / Isotype:	Rat / IgG1
Clone:	LO-MG1-2
Immunogen:	Purified Murine IgG1 from BALB/c mice Remarks: Spleen cells from immunised LOU/c rats were fused with cells of the rat IR983F myeloma cell line.
Format:	State: Liquid purified Ig fraction Purification: Affinity Chromatography Buffer System: PBS containing 50% Glycerol and 0.09% Sodium Azide as preservative Label: FITC – Fluorescein Isothiocyanate Isomer 1 <i>Absorption / Emission:</i> 495 nm / 528 nm
Applications:	Flow Cytometry: Use 10 µl of 5 µg/ml diluted antibody to label 10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes the Mouse IgG1 heavy chain and does not bind to other Mouse immunoglobulins.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
General References:	1. Song, J. et al. (2000) Heterogeneous distribution of isoactins in cultured vascular smooth muscle cells does not reflect segregation of contractile and cytoskeletal domains. J. Histochem. Cytochem. 48 (11): 1441-1452. 2. Denis, O. et al. (1993) Resting B cells can act as antigen presenting cells in vivo and induce antibody responses. Int. Immunol. 5: 71-8. 3. Nakanishi, S. et al. (2010) Sequence analysis of a bacteriocinogenic plasmid of Clostridium butyricum and expression of the bacteriocin gene in Escherichia coli. Anaerobe. 16: 253-7. 4. Echeverria, P.C. et al. (2006) Potent antigen-specific immunity to Toxoplasma gondii in adjuvant-free vaccination system using Rop2-Leishmania infantum Hsp83 fusion protein. Vaccine. 24: 4102-10.

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

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com