

Monoclonal Antibody to Rat IgG2c (heavy chain) - Purified

Catalog No.:	SM1034P
Quantity:	0.5 mg
Concentration:	1.0 mg/ml
Host / Isotype:	Mouse / IgG2a
Clone:	MARG2c-5
Immunogen:	IgG2c (Rat strain LOU/c). Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line.
Format:	State: Liquid purified IgG Purification: Affinity chromatography Buffer System: PBS containing 0.09% Sodium Azide
Applications:	ELISA: 5ug/ml; This antibody may be used as a coating antibody in ELISA in combination with clone MARK-1/MARL-15 as detection reagent and purified rat IgG2c (SA024). Flow Cytometry: 1/200 - 1/1000; Use 10µl 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.
Specificity:	This antibody reacts to gamma 2c heavy chain (determined by immunodot). The specificity of monoclonal antibodies against IgG subclasses is determined in a range of optimal concentrations. Increasing the concentration of the first or second antibody can induce cross-reactions with other subclasses. Species: Rat. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General References:	1. Manouvriez, P. et al. (1986) Accurate determination of rat immunoglobulin isotype content in culture supernatants or media by ELISA with mouse monoclonal antibodies. Immunobiology 173: 307-308.

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.

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