

Monoclonal Antibody to Rat IgG1 (heavy chain) - Purified

Catalog No.:	SM1030P
Quantity:	0.25 mg
Concentration:	1.0 mg/ml
Host / Isotype:	Mouse / IgG1
Clone:	MARG1.2
Immunogen:	Rat IR27 IgG1 myeloma. 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, pH7.4 containing 0.09% Sodium Azide
Applications:	ELISA: 3µg/ml - 5µg/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 IgG1 (SA013). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises IgG1 immunoglobulin - no cross reactivity with other immunoglobulin classes or 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. Pelegri, C. et al. (2001) Prevention of adjuvant arthritis by the W3/25 anti-CD4 monoclonal antibody is associated with a decrease of blood CD4+ CD45RChigh T cells. Clin. Exp. Immunol. 125: 470 - 477. 2. Sato, K. et al. (2001) Carbon monoxide generated by heme oxygenase-1 suppresses the rejection of mouse-to-rat transplant. J. Immunol. 166: 4185 - 4194.

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