

US office: Acris Antibodies, Inc. San Diego, CA UNITED STATES Phone: +1-858-888-7900 Fax: +1-858-888-7904 US-info@acris-antibodies.com

SM082F Acris Antibodies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com



Monoclonal Antibody to MHC Class II RT1Bu - FITC

Quantity: 0.1 mg Concentration: 0.1 mg/ml Uniprot ID: QZORH8 NCBI: 10116 Host / Isotype: Mouse / IgG1 Clone: OX-3 Immunogen: Rat thymocyte membrane glycoproteins. Spleen cells from immunised BALB/c mice were fused with cells from the NS1 mouse myeloma cell line. Format: State: Liquid purified IgG Buffer System: PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothioxyanate Isomer 1 Applications: Flow cytometry: Use 10 µl of neat 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 recognises a polymorphic determinant of Ia antigen (RT1.Bu) present on Lewis, Wistar and AO strain rats but not BN, DA or PVG/c strains. This antibody is useful for distinguishing Ia positive cells from different rat strains, e.g. for recognising cells of donor origin in bone marrow reconstituted radiation chimaeras. MRC OX-3 cross reacts with mouse strains of MHC haplotypes b and s, and analysis of recombinant mouse strains showed that the determinants mapped to the I-A region. This antibody recognises la antigens on B-cells, dendritic cells and certain epithelial cells. 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. This product is photosensitive and should be protected from light	Catalog No.:	SM082F
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monoclonal antibodies in rat lymphoid tissues. Immunology 42: 593-600. 5. Zhang, J. et al. (1997) Expression of major histocompatibility complex molecules in rodent retina. Immunohistochemical study. Invest. Ophthalmol. Vis. Sci. 38 (9): 1848 -1857.

6. Hahm. K. et al. (2000) Loss of TGF - beta signaling contributes to autoimmune pancreatitis. J. Clin. Invest. 105: 1057 - 1065.