

Monoclonal Antibody to RLA-DR - FITC

Alternate names:	MHC Class II RLA-DR
Catalog No.:	AM08100FC-N
Quantity:	0.5 mg
Concentration:	0.5 mg/ml
Host / Isotype:	Mouse / IgG2b
Clone:	RDR34
Format:	State: Liquid purified Ig fraction. Buffer System: PBS containing 0.09% Sodium Azide as preservative. Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: < / = 1 µg/10e6 cells. (Ref.1,2) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is specific to Rabbit RLA-DR chain (Mr ~35 kDa). It reacts with RLA-DR-transfected cells, but not with RLA-DQ-transfected cells (Ref.1) and, in normal adult rabbits, 50-60% of peripheral blood leukocytes and splenocytes. (Ref.1,2) It also been reported that the antibody stains: lymphocytes in the thymic medulla and some cells in the cortex; periportal cells in the liver; and synovial lining cell (i.e., infiltrating macrophages) in inflamed synovium. (Ref.3) Species: Rabbit. Other species not tested.
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. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Spieker-Polet, H., N. Sittisombut, P.-C. Yam, and K.L. Knight. 1990. Rabbit major histocompatibility complex IV. Expression of major histocompatibility complex class II genes. J. Immunogenetics 17:123-132. 2. Southern Biotechnology Associates, Inc. Unpublished observations. 3. Wilkinson, J. M., G. McDonald, S. Smith, J. Galea-Lauri, J. Lewthwaite, B. Henderson, and P.A. Revell. 1993. Immunohistochemical identification of leucocyte populations in normal tissue and inflamed synovium of the rabbit. J. Pathol. 170:315-320. 4. Kulaga, H., J.-A. Sogn, J.D. Weissman, P.N. Marche, C. LeGuern, E.O. Long, and T.J. Kindt. 1987. Expression patterns of MHC class II genes in rabbit tissues indicate close homology to human counterparts. J.

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
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