

Monoclonal Antibody to RLA-DR - PE

Alternate names:	MHC Class II RLA-DR
Catalog No.:	AM08100RP-N
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Host / Isotype:	Mouse / IgG2b
Clone:	RDR34
Format:	State: Liquid purified Ig fraction. Buffer System: PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent. Label: PE – R-Phycoerythrin
Applications:	Flow Cytometry: < / = 0.2 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. DO NOT FREEZE! 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 Southern Biotechnology Associates, Inc. Unpublished observations. 3.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.

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

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1987. Expression patterns of MHC class II genes in rabbit tissues indicate close homology to human counterparts. J. Immunol. 139:587-592.

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