

Product datasheet for **AM08101FC-N**

RLA-DQ Mouse Monoclonal Antibody [Clone ID: 2C4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2C4
Applications:	FC
Recommended Dilution:	Flow Cytometry: < / = 1 µg/10e6 cells. (Ref.1,3)
Reactivity:	Rabbit
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Rabbit spleen cells.
Specificity:	This antibody is specific to Rabbit RLA-DQ alpha chain (Mr ~35 kDa). It reacts with RLA-DQ-transfected cells, but not with RLA-DR-transfected cells. (Ref.2) In normal adult rabbits, the antibody reacts with 30-60% of peripheral blood leukocytes. (Ref.2,3) It has also been reported that the antibody stains: lymphocytes and macrophages in the spleen; lymphocytes in the thymic medulla and some cells in the cortex; Kupffer cells in the liver; and synovial lining cells (i.e., infiltrating macrophages) in inflamed synovium. (Ref.4) DQ alpha transcripts have been detected in bone marrow and spleen and, to a lesser extent, in appendix, lymph nodes, and other organs. (Ref.5)
Formulation:	PBS containing 0.09% Sodium Azide as preservative. Label: FITC State: Liquid purified Ig fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Conjugation:	FITC
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.
Stability:	Shelf life: one year from despatch.
Synonyms:	MHC Class II RLA-DQ



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