

## Monoclonal Antibody to MHC Class II DQ (Ia) - Supernatant

<b>Catalog No.:</b>	SM611
<b>Quantity:</b>	2 ml
<b>Concentration:</b>	17.5 mg/ml
<b>Host / Isotype:</b>	Mouse / IgG2a
<b>Clone:</b>	2C4
<b>Immunogen:</b>	Rabbit Spleen Cells. Spleen cells from immunised mice were fused with cells of the P3.X63. Ag8.653 mouse myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid Tissue Culture Supernatant <b>Buffer System:</b> Containing 0.2M Tris/HCl pH7.4 and 5-10% Foetal Calf Serum and 0.09% Sodium Azide
<b>Applications:</b>	Flow Cytometry (Neat) Immunoprecipitation. Immunohistochemistry on Frozen Sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the class II RLA-DQ molecule. It inhibits the mixed lymphocyte reaction by 80%. Immunoprecipitation studies yield three bands of molecular weight 28, 31 and 35kD. <b>Species:</b> Rabbit. Other species not tested.
<b>Storage:</b>	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.
<b>General Readings:</b>	1. Lobel SA, Knight KL. The role of rabbit Ia molecules in immune functions as determined with the use of an anti-Ia monoclonal antibody. <i>Immunology</i> . 1984 Jan;51(1):35-43. PubMed PMID: 6197360. 2. Spicker-Polet, H. et al. (1990) Rabbit Major Histocompatibility Complex IV. Expression of Major Histocompatibility Complex Class II Genes. <i>J. Immunogenetics</i> 17: 123-132. 3. Matsumura T, Kugiyama K, Sugiyama S, Ota Y, Doi H, Ogata N, et al. Suppression of atherosclerotic development in Watanabe heritable hyperlipidemic rabbits treated with an oral antiallergic drug, tranilast. <i>Circulation</i> . 1999 Feb 23;99(7):919-24. PubMed PMID: 10027816.