

Monoclonal Antibody to MHC Class II I-Ek - FITC

Catalog No.:	AM08077FC-N
Quantity:	0.5 mg
Concentration:	0.5 mg/ml
Host / Isotype:	Mouse / IgG2a
Clone:	17-3-3S
Immunogen:	C3H mouse skin graft and splenocytes. (Ref.1)
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) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is An epitope on mouse I-Ek MHC class II alloantigen. It reacts with the I-Ek class II alloantigen on cells from mice of the H-2r haplotype. Reactivity with H-2d and H-2p haplotypes has not been observed. (Ref.1) Cells from mice of the H-2b, H-2f, H-2g, H-2q, and H-2s haplotypes do not express I-E antigen. (Ref.2) Species: Mouse. 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. Ozato, K., N. Mayer, and D.H. Sachs. 1980. J. Immunol. 124:533. 2. Klein, J. 1986. Mutations in H-2E loci. In: Natural History of the Major Histocompatibility Complex. John Wiley & Sons, New York, NY, pp.216-218.

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
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

Pictures:

Immunofluorescent Staining: AKR spleen cells were double-stained with Mouse Anti-Mouse I-Ek-FITC and Rat Anti-Mouse CD3e-PE (Cat#AM08026RP-N or AM08026RP-S). Lymphocytes were gated using and analyzed by flow cytometry. Amount Used: 1 µg/10e6 cells.

