

Datasheet

I-Ek monoclonal antibody, clone 14-4-4S (FITC)

Catalog Number: MAB5801

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native I-Ek.

Clone Name: 14-4-4S

Immunogen: Native purified I-Ek from C3H mouse skin graft and splenocytes.

Host: Mouse

Reactivity: Mouse

Applications: Flow Cyt, IHC-Fr, IP
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: An epitope on mouse I-Ek MHC class II alloantigen.

Form: Liquid

Conjugation: FITC

Isotype: IgG2a, kappa

Recommend Usage: Flow Cytometry (1 ug/10⁶ cells)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

References:

1. A humanized model of experimental autoimmune uveitis in HLA class II transgenic mice. Pennesi G,

Mattapallil MJ, Sun SH, Avichezer D, Silver PB, Karabekian Z, David CS, Hargrave PA, McDowell JH, Smith WC, Wiggert B, Donoso LA, Chan CC, Caspi RR. *J Clin Invest.* 2003 Apr;111(8):1171-80.

2. Differential expression of CLIP:MHC class II and conventional endogenous peptide:MHC class II complexes by thymic epithelial cells and peripheral antigen-presenting cells. Farr A, DeRoos PC, Eastman S, Rudensky AY. *Eur J Immunol.* 1996 Dec;26(12):3185-93.

3. Studies on the interdependence of gp39 and B7 expression and function during antigen-specific immune responses. Roy M, Aruffo A, Ledbetter J, Linsley P, Kehry M, Noelle R. *Eur J Immunol.* 1995 Feb;25(2):596-603.