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

Catalog # MAB5801 Size 500 ug

Specification

Product Description	Mouse monoclonal antibody raised against native I-Ek.
Immunogen	Native purified I-Ek from C3H mouse skin graft and splenocytes.
Host	Mouse
Reactivity	Mouse
Specificity	An epitope on mouse I-Ek MHC class II alloantigen.
Form	Liquid
Conjugation	FITC
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (1 ug/10^6 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.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry
- Immunoprecipitation

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Publication Reference

- 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.

  The Journal of Clinical Investigation 2003 Apr; 111(8):1171.

  Application: Flow Cyt, Mouse, Mouse lymph node cells and splenocytes

- 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.

  European Journal of Immunology 1996 Dec; 26(12):3185.

- 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.

  European Journal of Immunology 1995 Feb; 25(2):596.

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