H2-Ab1 monoclonal antibody, clone 25-9-3 (PE)

Catalog # MAB5800 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against H2-Ab1.
Immunogen	C3H.SW splenocytes.
Host	Mouse
Reactivity	Mouse
Specificity	The monoclonal antibody 25-9-3 reacts specifically with the I-Ab haplotype of MHC Class II molecules. Class II antigens are predominantly expressed on antigen-presenting cells including B lymphocytes, macrophages, dendritic cells and certain epithelial cells.
Form	Liquid
Conjugation	PE
Isotype	IgM, kappa (IgMa)
Recommend Usage	Flow Cytometry (0.2 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 should be handled by trained staff only.

Applications

- Flow Cytometry

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Gene Info — H2-Ab1

Entrez GeneID	14961
Gene Name	H2-Ab1
Gene Alias	AI845868, Abeta, H-2Ab, H2-Ab, I-Ab, I-Abeta, IAb, Ia-2, Ia2, Rmcs1
Gene Description	histocompatibility 2, class II antigen A, beta 1
Gene Ontology	Hyperlink
Gene Summary	class II antigen A
Other Designations	A beta|H-2 I-A beta p|H-2 class II histocompatibility antigen, A-D beta chain|I-A beta MHC class II|I-A^b|MHC H2-IA-beta-1 (bm12) chain|MHC class II H2-IA-beta-psi|MHC class II antigen A beta|MHC class II beta chain A-beta-5|MHC class II beta ch

Publication Reference

- Monoclonal antibodies to mouse MHC antigens. III. Hybridoma antibodies reacting to antigens of the H-2b haplotype reveal genetic control of isotype expression.

  Ozato K, Sachs DH.

  Journal of Immunology 1981 Jan; 126(1):317.

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