H2-D4 monoclonal antibody, clone 34-5-8S (PE)

Catalog # MAB5822 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against H2-D4.
Immunogen	C57BL/6 x DBA/2)F1 hybrid mouse splenocytes.
Host	Mouse
Reactivity	Mouse
Specificity	A conformational epitope on the alpha1 and alpha2 chains of mouse H-2Dd class I alloantigen.
Form	Liquid
Conjugation	PE
Isotype	IgG2a, kappa
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 shoul d be handled by trained staff only.

Applications

- Flow Cytometry
- Immunoprecipitation

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Publication Reference

- Peptide and beta 2-microglobulin regulation of cell surface MHC class I conformation and expression.

  Otten GR, Bikoff E, Ribaudo RK, Kozlowski S, Margulies DH, Germain RN.

  Journal of Immunology 1994 Aug; 148(14):3725.

  Application: Flow Cyt, Mouse, LKD8 cells

- Monoclonal antibodies to mouse major histocompatibility complex antigens.

  Ozato K, Mayer NM, Sachs DH.

  Transplantation 1982 Sep; 34(3):113.

  Application: Flow Cyt, Human, Mammalian cells

- Hybridoma cell lines secreting monoclonal antibodies to mouse H-2 and Ia antigens.

  Ozato K, Mayer N, Sachs DH.

  Journal of Immunology 1980 Feb; 124(2):533.

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