Cd3e monoclonal antibody, clone 500-A2 (APC)

Catalog # MAB5915 Size 100 ug

Specification

Product Description	Hamster monoclonal antibody raised against Cd3e.
Immunogen	Mouse T cell receptor complexes.
Host	Hamster
Reactivity	Mouse
Specificity	Mouse CD3ε, Mr 25 KDa.
Form	Liquid
Conjugation	APC
Isotype	IgG, 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

- Flow Cytometry
- Immunoprecipitation

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Gene Info — Cd3e

Entrez GeneID	12501
Gene Name	Cd3e
Gene Alias	AI504783, CD3, CD3epsilon, T3e
Gene Description	CD3 antigen, epsilon polypeptide
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTMUSP00000018104

Publication Reference

- Monoclonal antibodies to murine CD3 epsilon define distinct epitopes, one of which may interact with CD4 during T cell activation.

  Portoles P, Rojo J, Golby A, Bonneville M, Gromkowski S, Greenbaum L, Janeway CA Jr, Murphy DB, Bottomly K.

  Journal of Immunology 1989 Jun; 142(12):4169.

- Expression and function of the CD3-antigen receptor on murine CD4+8+ thymocytes.

  Havran WL, Poenie M, Kimura J, Tsien R, Weiss A, Allison JP.

  Nature 1987 Nov; 330(6144):170.

  Application: Flow Cyt, Mouse, Mouse thymocytes

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