

Cd3e monoclonal antibody, clone 500-A2 (PE)

Catalog # MAB5914

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	PE
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 should be handled by trained staff only.

Applications

- Immunoprecipitation
- Flow Cytometry

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