

## Datasheet

### **Cd3e monoclonal antibody, clone 500-A2 (Cy5)**

**Catalog Number:** MAB5917

**Regulatory Status:** For research use only (RUO)

**Product Description:** Hamster monoclonal antibody raised against Cd3e.

**Clone Name:** 500-A2

**Immunogen:** Mouse T cell receptor complexes.

**Host:** Hamster

**Reactivity:** Mouse

**Applications:** Flow Cyt, IP  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** Mouse CD3?, Mr 25 KDa.

**Form:** Liquid

**Conjugation:** Cy5

**Isotype:** IgG, kappa

**Recommend Usage:** Flow Cytometry (1 ug/10<sup>6</sup> 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.

**Entrez GeneID:** 12501

**Gene Symbol:** Cd3e

**Gene Alias:** AI504783, CD3, CD3epsilon, T3e

#### **References:**

1. 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. J Immunol. 1989 Jun 15;142(12):4169-75.
2. 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 12-18;330(6144):170-3.