

## Cd3e monoclonal antibody, clone 500-A2

Catalog # MAB3221

Size 500 ug

### Specification

|                            |                                                                    |
|----------------------------|--------------------------------------------------------------------|
| <b>Product Description</b> | Hamster monoclonal antibody raised against native Cd3e.            |
| <b>Immunogen</b>           | Native Cd3e from mouse T cell receptor complexes.                  |
| <b>Host</b>                | Hamster                                                            |
| <b>Reactivity</b>          | Mouse                                                              |
| <b>Specificity</b>         | Mouse CD3ε, Mr 25 KDa.                                             |
| <b>Form</b>                | Liquid                                                             |
| <b>Isotype</b>             | IgG                                                                |
| <b>Recommend Usage</b>     | The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In 100 mM BBS, pH 8.2                                              |
| <b>Storage Instruction</b> | Store at 4°C.                                                      |

### Applications

- Immunoprecipitation
- Flow Cytometry

### Gene Info — Cd3e

|                      |                                |
|----------------------|--------------------------------|
| <b>Entrez GeneID</b> | <a href="#">12501</a>          |
| <b>Gene Name</b>     | Cd3e                           |
| <b>Gene Alias</b>    | AI504783, CD3, CD3epsilon, T3e |

|                    |                                  |
|--------------------|----------------------------------|
| Gene Description   | CD3 antigen, epsilon polypeptide |
| Gene Ontology      | <a href="#">Hyperlink</a>        |
| 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.

Application: Func, Antibody

- [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