

## Datasheet

### **Cd3e monoclonal antibody, clone 145-2C11 (FITC)**

**Catalog Number:** MAB5907

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

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

**Clone Name:** 145-2C11

**Immunogen:** H-2Kb-specific mouse cytotoxic T lymphocyte clone BM10-37.

**Host:** Hamster

**Reactivity:** Mouse

**Applications:** Flow Cyt, IP, WB  
(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:** FITC

**Isotype:** IgG, kappa

**Recommend Usage:** Flow Cytometry (3 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. Differential activation of antigen-stimulated suicide and cytokine production pathways in CD4+ T cells is regulated by the antigen-presenting cell. Wang R, Murphy KM, Loh DY, Weaver C, Russell JH. J Immunol. 1993 May 1;150(9):3832-42.
2. Activation-driven T cell death. II. Quantitative differences alone distinguish stimuli triggering nontransformed T cell proliferation or death. Ucker DS, Meyers J, Obermiller PS. J Immunol. 1992 Sep 1;149(5):1583-92.
3. Circulating CD3+/T cell receptor V gamma 3+ fetal murine thymocytes home to the skin and give rise to proliferating dendritic epidermal T cells. Payer E, Elbe A, Stingl G. J Immunol. 1991 Apr 15;146(8):2536-43.