

**43-1025: Monoclonal Antibody to Mouse CD3 NALE™ Purified (Clone: 17A2)**

**Clonality :** Monoclonal  
**Clone Name :** 17A2  
**Application :** FACS  
**Reactivity :** Mouse  
**Isotype :** Rat IgG2b, kappa

**Description**

The 17A2 monoclonal antibody specifically reacts with the mouse T lymphocytes receptor (TCR) associated CD3 complex, resulting in cellular activation and proliferation. CD3 is expressed by thymocytes and mature lymphocytes, and contains Gamma, Delta, and Epsilon subunits, involved in the assembly, trafficking and surface expression of T-cell receptor complex. The interaction between the T lymphocytes and the 17A2 antibody can be blocked by the 145-2C11 anti-CD3e antibody, demonstrating that the 17A2 antibody recognizes the CD3 Epsilon chain.

**Product Info**

**Amount :** 100ug / 500 µg  
**Content :** 2 mg/ml in Phosphate-buffered aqueous solution, pH7.2.  
**Storage condition :** The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

**Application Note**

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.