



**LAD117Mu51**  
**APC-Linked Polyclonal Antibody**  
**To T-Cell Surface Glycoprotein CD3 Epsilon (CD3e)**  
**Organism Species: *Mus musculus* (Mouse)**  
*Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

## **[ PROPERTIES ]**

**Source:** Antibody labeling

**Host:** Rabbit

**Purification:** Antigen-specific Affinity Chromatography.

**Label:** APC

**Original Antibody:** PAD117Mu01

**Traits:** Liquid

**Concentration:** 200µg/mL

**UOM:** 100µg

**Applications:** WB; IHC; ICC; IF.

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant CD3e (Ser32~Arg174) expressed in *E.coli*.

**Accession No.:** RPD117Mu01

## **[ APPLICATIONS ]**

Western blotting: 0.5-2µg/mL

Immunocytochemistry in formalin fixed cells: 5-20µg/mL

Immunohistochemistry in formalin fixed frozen section: 5-20µg/mL

Immunohistochemistry in paraffin section: 5-20µg/mL

Optimal working dilutions must be determined by end user.

## **[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for two years.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the

protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.