

#### **Product Datasheet**

# **APC Anti-Mouse CD19 Antibody [1D3]**

Catalogue Code: AGEL0005

## **Antibody Data**

Product SKU: AGEL0005 Clone: 1D3

Applications: FCM

Reactivity: Mouse

### **Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

### **Product Information:**

**Alternate Names:** B-lymphocyte antigen CD19;Cd19;Differentiation antigen CD19;CD19;

Uniprot ID: P25918

Background: CD19 is a 95 kD glycoprotein also known as B4. It is a member of the Ig superfamily,

expressed on all pro-B to mature B cells (during development) and follicular dendritic cells. Plasma cells do not express CD19. CD19, in association with CD21 and CD81, forms a

molecular complex integral to B cell activation.

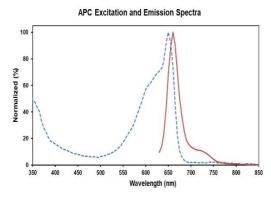
Form: Liquid

Conjugation: APC

Size: 50 Tests, 100 Tests, 200 Tests

Host Species: Rat

**Isotype:** Rat IgG2a, κ



Ex:650 nm; Em:660 nm

**Isotype Control:** APC Rat IgG2a, κ Isotype Control[2A3] [Product AGEL0005]

**Storage Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

**Shipping:** Biological ice pack at 4°C



Stability & Storage:

Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage:

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.