

**Antibody Data**

|                      |                 |               |            |
|----------------------|-----------------|---------------|------------|
| <b>Product SKU:</b>  | <b>AGEL0471</b> | <b>Clone:</b> | <b>1D3</b> |
| <b>Applications:</b> | <b>FCM</b>      |               |            |
| <b>Reactivity:</b>   | <b>Mouse</b>    |               |            |

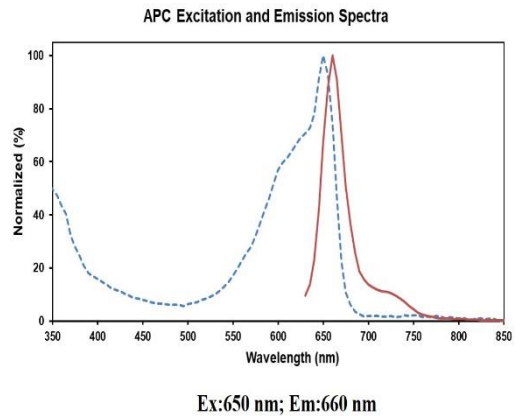
**Important Note:**

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:** 25µg, 100µg  
**Host Species:** Rat  
**Isotype:** Rat IgG2a, κ



**Isotype Control:** APC Rat IgG2a, κ Isotype Control[2A3] [Product AGEL0471]  
**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. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10<sup>6</sup> cells in 100 µL volume].