

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse CD19 Monoclonal Antibody(PerCP  
Conjugated)

**Catalog:** DL20017F

**Synonyms:** B-lymphocyte antigen CD19, Cd19, Differentiation  
antigen CD19, CD19

**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

**Isotype:** Rat IgG2a,  $\kappa$

**Size:** 25µg/50µg/100µg/200µg

**Host:** Rat

**Reactivity:** Mouse

**Application:** FCM

**Concentration:** 0.2 mg/mL

**Conjugation:** PerCP

**SwissProt:** P25918

**Buffer:** PBS with 0.05% Proclin300, 1% BSA

### **Recommended Use:**

Each lot of this antibody is quality control tested by immunofluorescent staining with 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 or refer to the dilution we used in the experiment.

### **Data:**

Mouse splenocytes are stained with Anti-Mouse CD19 Monoclonal Antibody(PerCP Conjugated)[Used at 0.05 µg/10<sup>6</sup> cells dilution](filled gray histogram). Unstained splenocytes (blank black histogram) are used as control.

### **Storage:**



Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.