

**Manufacturer/Supplier:**

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**Product name:** Anti-Human IgD Monoclonal Antibody(APC  
Conjugated)

**Catalog:** DL21912F

**Synonyms:** Immunoglobulin heavy constant delta, IGHD, Ig delta  
chain C region

**Background:** IgD, a member of the immunoglobulin (Ig) family, is expressed in naïve B cells. It has 3 Ig-like domains and exists in a transmembrane and a soluble form. In general, IgD is not secreted and usually its expression is lost after the Ig isotype switch. After antigen binding, IgD signals through the CD79a/CD79b (Ig $\alpha$ /Ig $\beta$ ) heterodimer, resulting in the activation of the B cell.

**Form:** Liquid

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

**Size:**

20Tests/100Tests/100Tests×2

**Host:** Mouse**Reactivity:** Human**Application:** FCM**Concentration:** 5  $\mu$ L**Conjugation:** APC**SwissProt:** P01880

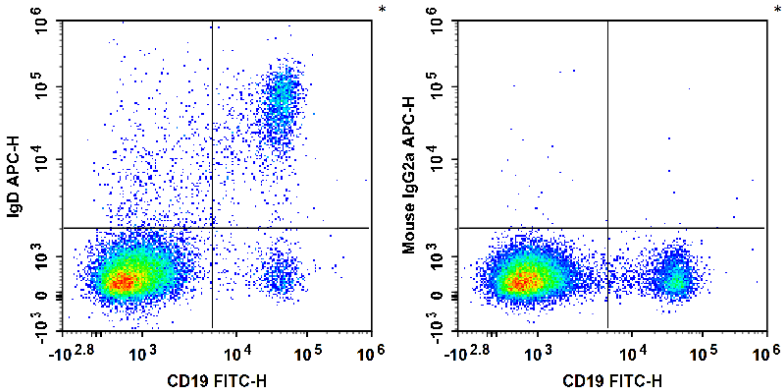
**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

**Recommended Use:**

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.

**Data:**

Human peripheral blood lymphocytes are stained with Anti-Human IgD Monoclonal Antibody(APC Conjugated)(filled gray histogram). Unstained lymphocytes (empty 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.