

**anti-mouse CD19 PE-conjugated****Cat-No.: M22147P**      **1 ml****Clone:** 6D5**Specificity:**

The 6D5 monoclonal antibody (mAb) reacts with CD19, a co-receptor protein in the B-cell receptor complex that includes CD21 (CR2) and CD81 (TAPA-1). CD19 is an important B cell development marker appearing in early B-cell progenitor cells that is known to be important in the activation of mature cells. An application of the 6DS mAb is immunostaining for flow cytometry.

**Isotype subclass:** Rat IgG2a**Physical state:** Liquid**Buffer/Additives/Preservative:**

PBS containing 0.5 % BSA and 0.09 % sodium azide (pH 7.4)

**Expiration date:**

The reagent is stable until the expiry date stated on the vial label.

**Storage conditions:**

Store at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

**Application:**

Flow Cytometry

**References:**

1. Krop, I., A.L. Shaffer, D.T. Fearon, and M.S. Schlissel. 1996. The signaling activity of murine CD19 is regulated during B cell development. *J. Immunol* 157: 48-56.
2. Fearon, D.T. 1993. The CD19/CR2/TAPA-1 complex, CD45 and signaling by the antigen receptor of B lymphocytes. *Opin. In Immunol* 5:341-348

**Warning:**

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

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