

A Reliable Research Partner in Life Science and Medicine

# APC Anti-Mouse CD23 Antibody[B3B4]

Catalog Number: E-AB-F1178UE

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### **Description**

Reactivity Mouse Host Rat

**Isotype** Rat IgG2a, κ

Clone No. B3B4

Isotype Control APC Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833E]

Conjugation APC

**Conjugation Information** APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

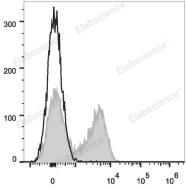
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### Applications Recommended usage

FCM

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  $\mu$ g/10<sup>6</sup> cells in 100  $\mu$ L volume].

#### Data



C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD23 Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

#### **Preparation & Storage**

**Storage** Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

#### **Antigen Information**

Alternate Names Fc-epsilon-RIIFcer2;Fcer2a;Lymphocyte lgE receptor

 Uniprot ID
 P20693

 Gene ID
 14128

## For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

#### **Elabscience Bionovation Inc.**



A Reliable Research Partner in Life Science and Medicine

## **Background**

CD23 is a 45 kD protein also known as low affinity IgE Fc receptor, FcɛRII, BLAST-2, Ly-42, or B6. It is a member of the Ig family, expressed on conventional B (but not B-1) cells and follicular dendritic cells. CD23 responds to high levels of IgE by downregulating IgE secretion.

Fax: 1-832-243-6017