

A Reliable Research Partner in Life Science and Medicine

# FITC Anti-Mouse CD23 Antibody[B3B4]

Catalog Number: E-AB-F1178UC

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 FITC Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833C]

Conjugation FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

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

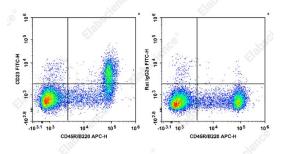
### Applications Recommended usage

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  $0.1-1 \mu g/10^6$  cells

in 100 µL volume].

#### Data



C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD45R/B220 Antibody and FITC Anti-Mouse CD23 Antibody[B3B4] (Left). Splenocytes are stained with APC Anti-Mouse CD45R/B220 Antibody and FITC Rat IgG2a, κ Isotype Control[2A3] (Right).

#### **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** lce bag

#### **Antigen Information**

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

 Uniprot ID
 P20693

 Gene ID
 14128

# For Research Use Only

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



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## **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.

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