

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® 700 Anti-Mouse CD23 Antibody[B3B4]

Catalog Number: E-AB-F1178UM1

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 Elab Fluor® 700 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833M1]

Conjugation Elab Fluor® 700

**Conjugation Information** Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).

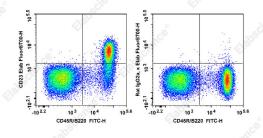
**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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

#### Data



Staining of C57BL/6 murine splenocytes with FITC Anti-Mouse CD45R/B220 Antibody[RA3.3A 1/6.1] and Elab Fluor

- ® 700 Anti-Mouse CD23 Antibody[B3B4](left) or Elab Fluor
- $^{\circledR}$  700 Rat IgG2a,  $\kappa$  Isotype Control(right) . Total viable cells were used for analysis.

#### **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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