

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 488 Anti-Mouse CD23 Antibody[B3B4]

Catalog Number: E-AB-F1178UL

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® 488 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833L]

Conjugation Elab Fluor® 488

Conjugation Information Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using

an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).

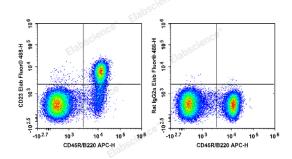
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 μ g/10⁶ cells in 100 μ L volume].

Data



C57BL/6 murine splenocytes are stained with APC Anti-

Mouse CD45R/B220 Antibody and Elab Fluor® 488 Anti-Mouse CD23 Antibody (Left). Splenocytes are stained with

APC Anti-Mouse CD45R/B220 Antibody and Elab Fluor® 488 Rat IgG2a, κ Isotype Control (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 Ice bag

Antigen Information

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

 Uniprot ID
 P20693

 Gene ID
 14128

For Research Use Only

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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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