

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

Catalog Number: E-AB-F1178L

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

### Description

<b>Reactivity</b>	Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2a, κ
<b>Clone No.</b>	B3B4
<b>Isotype Control</b>	Elab Fluor® 488 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832L]
<b>Conjugation</b>	Elab Fluor® 488
<b>Conjugation Information</b>	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).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

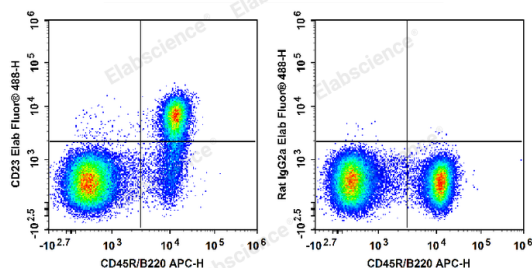
### Applications

### Recommended usage

#### FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

### 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

<b>Storage</b>	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.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	Fc-epsilon-RIIFcεr2;Fcεr2a;Lymphocyte IgE receptor
<b>Uniprot ID</b>	P20693
<b>Gene ID</b>	14128

### For Research Use Only

## Background

CD23 is a 45 kD protein also known as low affinity IgE Fc receptor, FcεRII, 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.