

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

Catalog Number: E-AB-F1178M1

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-F09832M1]
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% sodium azide and 1% BSA.

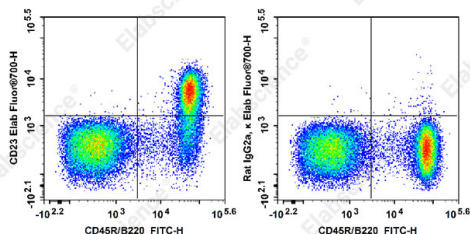
Applications

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



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® 700 Rat IgG2a, κ 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	Ice bag

Antigen Information

Alternate Names	Fc-epsilon-RIIFcεr2;Fcεr2a;Lymphocyte IgE receptor
Uniprot ID	P20693
Gene ID	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.