

Elab Fluor® Violet 500 Anti-Mouse CD16/32 Antibody[2.4G2]

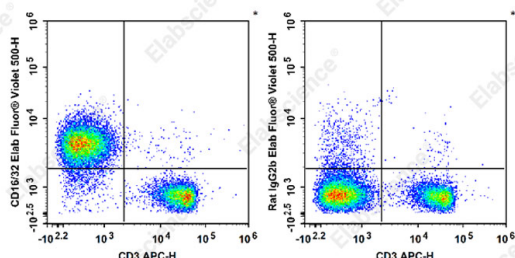
Catalog Number: GFH0997R

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

Description	
Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, κ
Clone No.	2.4G2
Isotype Control	Elab Fluor® Violet 500 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842R]
Conjugation	Elab Fluor® Violet 500
Conjugation Information	Elab Fluor® Violet 500 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 501 nm (e.g., a 525/45 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.

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 APC Anti-Mouse CD3 Antibody[17A2] and Elab Fluor® Violet 500 Anti-Mouse CD16/32 Antibody[2.4G2] (left) or Elab Fluor® Violet 500 Rat IgG2b, 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	CD16a/b;CD32;CD32A/B;FCG2A;FCGR2A/BFCGR3;FCGR3A/B;Fc fragment of IgG low affinity IIIa/b receptor;Fc fragment of IgG low affinity IIIb receptor;Fc fragment of IgG low affinity IIa/b receptor;Fc gamma RIla/b ;Fc gamma receptor III A/B;FcGR

For Research Use Only

Gene ID

14130;14131

Background

CD16 is low affinity IgG Fc receptor III (FcR III) and CD32 is FcR II. CD16/CD32 are expressed on B cells, monocytes/macrophages, NK cells, granulocytes, mast cells, and dendritic cells. The Fc receptors bind antibody-antigen immune complexes and mediate adaptive immune responses.