

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 488 Anti-Mouse CD16/32 Antibody[2.4G2]

Catalog Number: E-AB-F0997L

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[®] 488 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842L]

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).

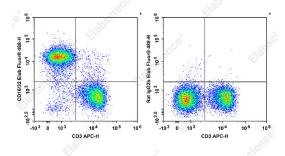
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L 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 CD3 Antibody and Elab Fluor® 488 Anti-Mouse CD16/32 Antibody[2.4G2] (Left). Splenocytes are stained

with APC Anti-Mouse CD3 Antibody and Elab Fluor[®] 488 Rat IgG2b, 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 CD16a/b;CD32;CD32A/B;FCG2A;FCGR2A/BFCGR3;FCGR3A/B;Fc fragment of IgG low

affinity Illa/b receptor;Fc fragment of IgG low affinity Illb receptor;Fc fragment of IgG low

affinity IIa/b receptor;Fc gamma RIIa/bFc gamma receptor III A/B;FcGR

For Research Use Only

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Uniprot ID Gene ID Background P08508;P08101 14130:14131

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.

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