

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Red 780 Anti-Mouse CD16/32 Antibody[2.4G2]

Catalog Number: E-AB-F0997US

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2b, ĸ 2.4G2 Clone No.

Isotype Control Elab Fluor® Red 780 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843S]

Conjugation Elab Fluor®Red 780

Conjugation Information Elab Fluor® Red 780 is designed to be excited by the Red (627-640 nm) laser and

detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter).

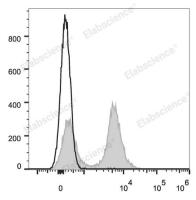
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

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 μg/10⁶ cells in 100 µL volume].

Data



C57BL/6 murine splenocytes are stained with Elab Fluor® Red 780 Anti-Mouse CD16/32 Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

Preparation & Storage

Keep as concentrated solution. Storage

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 IqG 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

Uniprot ID P08508;P08101

For Research Use Only

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Gene ID

Background

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.