

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® 700 Anti-Mouse CD16/32 Antibody[2.4G2]

Catalog Number: E-AB-F0997UM1

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

#### **Description**

Reactivity Mouse Rat Host

Isotype Rat IgG2b, ĸ Clone No. 2.4G2

**Isotype Control** Elab Fluor<sup>®</sup> 700 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843M1]

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).

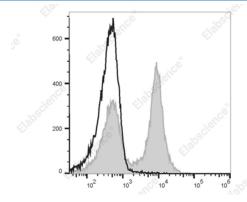
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

#### **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/10<sup>6</sup> cells in 100 µL volume].

#### Data



Staining of C57BL/6 murine splenocytes with Elab Fluor® 700 Anti-Mouse CD16/32 Antibody[2.4G2] (filled gray

histogram) or Elab Fluor® 700 Rat IgG2b, κ Isotype Control (empty black histogram). 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**

CD16a/b;CD32;CD32A/B;FCG2A;FCGR2A/BFCGR3;FCGR3A/B;Fc fragment of IgG low **Alternate Names** 

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

affinity lla/b receptor;Fc gamma Rlla/b ;Fc gamma receptor III A/B;FcGR

## For Research Use Only

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### **Elabscience Bionovation Inc.**



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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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