

A Reliable Research Partner in Life Science and Medicine

# PE/Cyanine 5 Anti-Mouse CD16/32 Antibody[2.4G2]

Catalog Number: E-AB-F0997UG

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 PE/Cyanine5 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843G]

Conjugation PE/Cyanine 5

Conjugation Information PE/Cyanine5 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 670 nm

(e.g., a 690/50 nm bandpass filter).

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

#### Applications Recommended usage

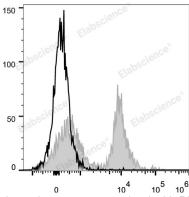
**FCM** Each lot of this antibody is quality control tested by flow cytometric analysis. Please

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



C57BL/6 murine splenocytes are stained with PE/Cyanine5 Anti-Mouse CD16/32 Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

## **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** lce 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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## **Elabscience Bionovation Inc.**

Rev. V1.6



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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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