

A Reliable Research Partner in Life Science and Medicine

PE/Cyanine7 Anti-Mouse CD16/32 Antibody[2.4G2]

Catalog Number: E-AB-F0997H

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2b, ĸ Clone No. 2.4G2

PE/Cyanine7 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842H] Isotype Control

Conjugation

Conjugation Information PE/Cyanine7 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 775 nm

(e.g., a 780/60 nm bandpass filter).

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

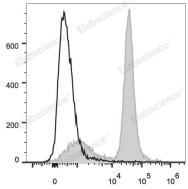
Applications Recommended usage

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 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



C57BL/6 murine splenocytes are stained with PE/Cyanine7 Anti-Mouse CD16/32 Antibody (filled gray histogram) or Rat IgG2b Isotype Control PE/Cyanine7 (empty black histogram).

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 IqG low

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

affinity lla/b receptor;Fc gamma Rlla/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.