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

Catalog No.E-AB-F0997DReactivityMouseStorageStore at 2~8°C, Avoid freeze / thaw cyclesApplicationsFCM

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

Antigen Information

Alternate Names CD16a/b,CD32,CD32A/B,Fc fragment of IgG low affinity IIa/b receptor,Fc fragment of IgG low

affinity IIIa/b receptor,Fc fragment of IgG low affinity IIIb receptor,Fc gamma receptor III

A/B,FCG2A,FcGR,FCGR2A/BFCGR3,FCGR3A/B,Fc gamma RIIa/b

Uniprot ID P08508,P08101

Background 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.

Product Details

Form Liquid

Size 50Tests/100Tests/100Tests×2

Clone No. 2.4G2 Host Rat

IsotypeRat IgG2b, κReactivityMouseApplicationFCM

Isotype Control PE Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842D]

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Shipping Biological ice pack at 4 °C **Stability & Storage** Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.

This product is guaranteed up to one year from purchase.



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Fluorophore

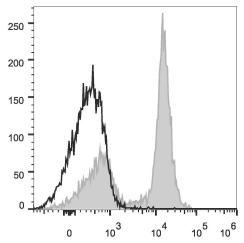
Conjugation: PE

PE 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 575 nm (e.g., a 585/42 nm bandpass filter).

Recommended usage

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.

Product data



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

Related Information

- 1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
- 2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
- 3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
- 4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/Listdetail-459742.html