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PE/Elab Fluor® 594 Anti-Mouse CD16/32 Antibody[2.4G2]

E-AB-F0997UP Catalog No. Reactivity Mouse Storage Store at 2~8°C, Avoid freeze / thaw cycles **Applications FCM**

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 Gene ID 14130,14131

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 Concentration 0.2 mg/mL $25 \mu g / 100 \mu g$ Size Clone No. 2.4G2 Host Rat

Rat IgG2b, κ **Isotype** Reactivity Mouse **Application FCM**

PE/Elab Fluor[®] 594 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843P] **Isotype Control**

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

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.

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017 Web: www.elabscience.com

Email: techsupport@elabscience.com

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Fluorophore

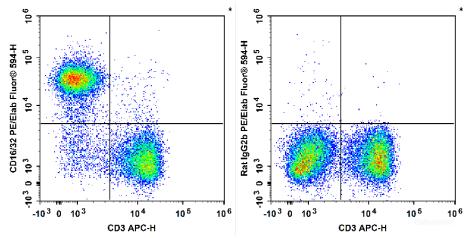
Conjugation: PE/Elab Fluor® 594

PE/Elab Fluor[®] 594 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 620 nm (e.g., a 610/20 nm bandpass filter).

Recommended usage

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 $\mu g/10^6$ cells in $100~\mu L$ volume].

Product data



C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD3 Antibody and PE/Elab Fluor[®] 594 Anti-Mouse CD16/32 Antibody[2.4G2] (Left). Splenocytes are stained with APC Anti-Mouse CD3 Antibody and PE/Elab Fluor[®] 594 Rat IgG2b, κ Isotype Control (Right).

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/List-detail-459742.html

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