

Elab Fluor® 647 Anti-Mouse CD16/32 Antibody[2.4G2]

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|--------------------|--|---------------------|-------|
| Catalog No. | E-AB-F0997UM | 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 |
| 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 | 0.5 mg/mL |
| Size | 25µg/100µg |
| Clone No. | 2.4G2 |
| Host | Rat |
| Isotype | Rat IgG2b, κ |
| Reactivity | Mouse |
| Application | FCM |
| Isotype Control | Elab Fluor® 647 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843M] |
| 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. |

For Research Use Only

Thank you for your recent purchase.

If you would like to learn more about antibodies,please visit www.elabscience.com.

**Focus on your research
Service for life science**

Applications:Activ- Activation; Block- Blocking; Separation- Cell Separation ; Cell Sep-Neg- Cell Separation by Negative Selection; FA- Functional Assay; Neut- Neutralization; Stim- Stimulation; FCM- Flow Cytometry; ICFCM: Intracellular Staining for Flow Cytometry; WB- Western Blotting; IHC- Immunohistochemistry; IF- Immunofluorescence; IP- Immunoprecipitation

Fluorophore

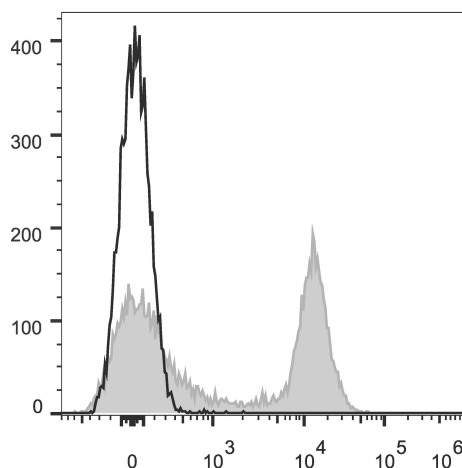
Conjugation: Elab Fluor® 647

Elab Fluor® 647 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 670 nm (e.g., a 660/20 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 µg/10⁶ cells in 100 µL volume].

Product data



C57BL/6 murine splenocytes are stained with Elab Fluor® 647 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/List-detail-459742.html>

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