Elab Fluor® Red 780 Anti-Mouse CD64/FcγRI Antibody[X54-5/7.1]

Catalog No.	E-AB-F1186S	**Reactivity**	Mouse
Storage	Store at 2~8℃, Avoid freeze / thaw cycles	**Applications**	FCM

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

Antigen Information

Alternate Names	Fcg1,Fcgr1,FcRI,CD64,IgG Fc receptor I
Uniprot ID	P26151
Gene ID	14129
Background	CD64 is a 72 kD single chain type I glycoprotein also known as FcγRI and FcRI. CD64 is a member of the immunoglobulin superfamily and is expressed on monocytes/macrophages, dendritic cells, and mast cells. The expression can be upregulated by IFN-γ stimulation. CD64 binds IgG immune complex. It plays a role in antigen capture, phagocytosis of IgG/antigen complexes, and antibody-dependent cellular cytotoxicity (ADCC).

Product Details

Form	Liquid
Size	50Tests/100Tests/100Tests×2
Clone No.	X54-5/7.1
Host	Mouse
Isotype	Mouse IgG1, κ
Reactivity	Mouse
Application	FCM
Isotype Control	Elab Fluor® Red 780 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792S]
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping	Biological ice pack at 4 ℃
Stability & Storage	Keep as concentrated solution. Store at 2~8℃ 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

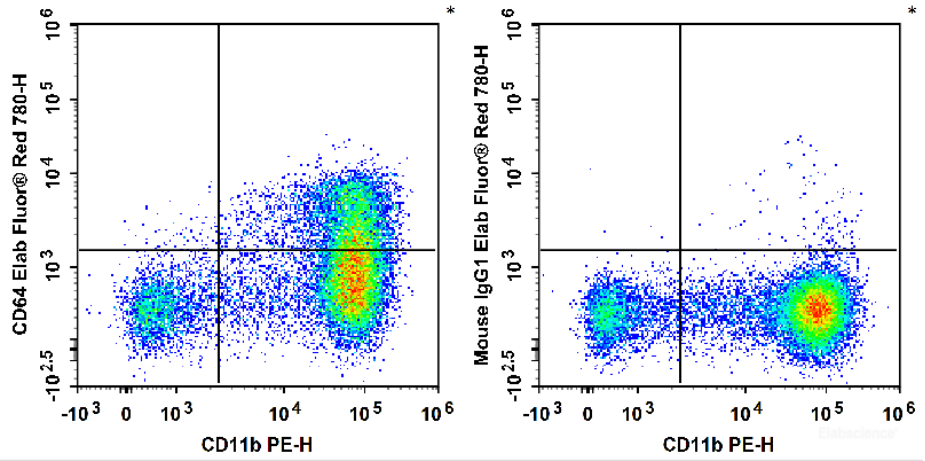
Conjugation: Elab Fluor® Red 780

Elab Fluor® Red 780 is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 770 nm (e.g., a 780/60 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 bone marrow cells are stained with PE Anti-Mouse/Human CD11b Antibody and Elab Fluor® Red 780 Anti-Mouse CD64 Antibody (Left). Bone marrow cells are stained with PE Anti-Mouse/Human CD11b Antibody and Elab Fluor® Red 780 Mouse IgG1, 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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