

A Reliable Research Partner in Life Science and Medicine

APC Anti-Mouse CD64/FcyRl Antibody[X54-5/7.1]

Catalog Number: E-AB-F1186UE

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

Description

Reactivity Mouse Mouse Host

Isotype Mouse IgG1, ĸ Clone No. X54-5/7.1

APC Mouse IgG1, k Isotype Control[MOPC-21] [Product E-AB-F09793E] Isotype Control

Conjugation

Conjugation Information APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

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

Applications Recommended usage

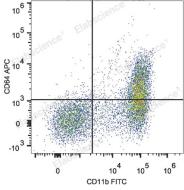
Each lot of this antibody is quality control tested by flow cytometric analysis. Please **FCM**

> 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].

Data



C57BL/6 murine bone marrow cells are stained with APC Anti-Mouse CD64 Antibody and FITC Anti-Mouse CD11b Antibody.

Preparation & Storage

Keep as concentrated solution. Storage

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 CD64;FcRI;Fcg1;Fcgr1;lgG Fc receptor I

Uniprot ID P26151 Gene ID 14129

For Research Use Only

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Rev. V1.5

Elabscience Bionovation Inc.



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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).

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