



A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 450 Anti-Human CD64 Antibody[10.1]

Catalog Number: E-AB-F1082Q

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

Description

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

Clone No. 10.1

Isotype Control Elab Fluor® Violet 450 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-

F09792Q1

Conjugation Elab Fluor® Violet 450

Conjugation Information Elab Fluor® Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

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

Applications Recommended usage

FCM 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.

Preparation & Storage

Storage Keep as concentrated solution.

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;CD64A/B/C;FCGR1A/B/C;Fc fragment of IgG high affinity la/b/c receptor;Fc

gamma RI;IGFR 1

Uniprot ID P12314 Gene ID 2209

Background CD64 is a 72 kD single chain type I glycoprotein also known as FcyRI and FcR I. CD64

> is a member of the immunoglobulin superfamily and is expressed on monocytes/ macrophages, dendritic cells, and activated granulocytes. The expression can be upregulated by IFN-y stimulation. CD64 binds IgG immune complex. It plays a role in antigen capture, phagocytosis of lgG/antigen complexes, and antibody-dependent

cellular cytotoxicity (ADCC).

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

Email:techsupport@elabscience.com

Rev. V1.7