

A Reliable Research Partner in Life Science and Medicine

FITC Anti-Human CD32 Antibody[IV-3]

Catalog Number: E-AB-F1075C

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG2b, κ

Clone No. IV-3

Isotype Control FITC Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-F09812C]

Conjugation FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

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

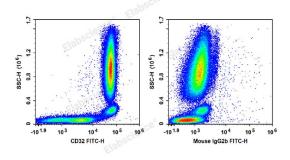
Applications Recommended usage

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



Human peripheral blood leucocytes are stained with FITC Anti-Human CD32 Antibody (Left). Leucocytes are stained with FITC Mouse IgG2b, κ Isotype Control (Right).

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 IGFR2;CD32;CDw32;FCG2;FCGR2B;Fc-gamma RII-b;Fc-gamma-RIIb;FcRII-b;lgG Fc

receptor II-b;Low affinity immunoglobulin gamma Fc region receptor II-b

 Uniprot ID
 P31994

 Gene ID
 2212

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

Elabscience Bionovation Inc.

A Reliable Research Partner in Life Science and Medicine

Background

Elabscience®

CD32 is a 40 kD polymorphic transmembrane glycoprotein also known as FcyRll and FCRII. It is an immunoglobulin superfamily member expressed on monocytes/macrophages, granulocytes, platelets and B cells. There are at least 6 isoforms of CD32 resulting from alternative mRNA splicing. CD32 mediates phagocytosis and oxidative burst in granulocytes, as well as platelet aggregation and immunomodulation. The extracellular domain of CD32 binds to polymeric and aggregated IgG and immune complexes, while the intracellular domain has been reported to associate with SHP-1 (B1 isoform).

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