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Biotin Anti-Human CD32 Antibody[IV-3]

Catalog Number: E-AB-F1075B

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

Description

Reactivity Human Mouse Host

Isotype Mouse IgG2b, ĸ

Clone No. IV-3

Biotin Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-F09813B] Isotype Control

Conjugation

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

Applications Recommended usage

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

> cytometric staining, the suggested use of this reagent is ≤ 1.0 µg per 10⁶ cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names IGFR2;CD32;CDw32;FCG2;FCGR2B;Fc-qamma RII-b;Fc-qamma-RIIb;FcRII-b;lqG Fc

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

Uniprot ID P31994 Gene ID 2212

Background CD32 is a 40 kD polymorphic transmembrane glycoprotein also known as FcyRII 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 immunomodulatio n. 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).

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