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Biotin Anti-Human CD35 Antibody[E11]

Catalog Number: E-AB-F1062B

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ

Clone No. E11

Isotype Control Biotin Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793B]

Conjugation Biotin

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. For flow

cytometric staining, the suggested use of this reagent is \leq 1.0 μ g per 10⁶ cells in 100 μ L volume or 100 μ L 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 C3BR;C3b/C4b receptor;CD35;CR1;Complement receptor type 1

 Uniprot ID
 P17927

 Gene ID
 1378

Background CD35 is a type I single chain of glycoprotein, also known as C3b/C4b receptor,

Complement Receptor type 1 or CR1. Four molecular weight allotypes (160kD, 190kD,

220kD, and 250kD) have been described. CD35 is expressed on granulocytes,

monocytes, B cells, erythrocytes, and follicular dendritic cells, as well as subsets of NK and T cells. CD35 binds complement C3b, C4b, or iC3, and iC4, and plays important roles in both innate and adoptive immune response via mediating phagocytosis by

granulocytes and monocytes. CD35 has also been reported to inhibit T-cell

proliferation.

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