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Biotin Anti-Human CD18 Antibody[TS1/18.1.2.11]

Catalog Number: E-AB-F1057B

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

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Reactivity Human Host Mouse

 Isotype
 Mouse IgG1, κ

 Clone No.
 TS1/18.1.2.11

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 CD18;Cell surface adhesion glycoproteins LFA-1/CR3/p150+95 subunit beta;

Complement receptor C3 subunit beta;Integrin beta-2;Itgb2

 Uniprot ID
 P05107

 Gene ID
 3689

Background CD18 is a 90-95 kD type I transmembrane protein also known as integrin β2 subunit,

LFA-1 β subunit, and $\beta2$ integrin. CD18 non-covalently associates with CD11a, CD11b

or CD11c. CD18 is expressed on all leukocytes. CD18 and associated α chains

function in adhesion and signaling in hematopoietic cells.