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PE/Cyanine7 Anti-Human CD18 Antibody[TS1/18.1.2.11]

Catalog Number: E-AB-F1057H

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

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Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ Clone No. TS1/18.1.2.11

PE/Cyanine7 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792H] Isotype Control

PE/Cyanine 7 Conjugation

Conjugation Information PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm

(e.g., a 780/60 nm bandpass filter).

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

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

Keep as concentrated solution. **Storage**

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 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 β 2 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.

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Rev. V1.5