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PE/Cyanine7 Anti-Human CD50 Antibody[CBR-IC3/1]

Catalog Number: AN00318H

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. CBR-IC3/1

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.

Ice bag Shipping

Antigen Information

Alternate Names ICAM-3 **Uniprot ID** P32942 Gene ID 3385

Background CD50 is a 120-140 kD type I membrane protein also known as intercellular adhesion

> molecule 3 (ICAM-3). It is broadly expressed on leukocytes, endothelial cells, and Langerhans cells. CD50 is a member of the lg superfamily. It provides costimulatory signal for T cells and regulates cell adhesion through interaction with LFA-1 (CD11a/

CD18, αL/β2) integrin.

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