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APC Anti-Human CD50 Antibody[CBR-IC3/1]

Catalog Number: AN00318E

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

Descri	
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Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ Clone No. CBR-IC3/1

APC Mouse IgG1, k Isotype Control[MOPC-21] [Product E-AB-F09792E] Isotype Control

Conjugation

Conjugation Information APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

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. The amount **FCM**

> 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

Storage Keep as concentrated solution.

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 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, $\alpha L/\beta 2$) integrin.

Fax: 1-832-243-6017 Tel: 1-832-243-6086 Toll-free: 1-888-852-8623 Web:www.elabscience.com

Email:techsupport@elabscience.com

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