



A Reliable Research Partner in Life Science and Medicine

## Elab Fluor® 488 Anti-Human CD50 Antibody[CBR-IC3/1]

Catalog Number: AN00318L

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

Isotype Control Elab Fluor® 488 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792L]

Conjugation Elab Fluor®488

**Conjugation Information** Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using

an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).

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

## **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.

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