

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

Catalog Number: AN00318H

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

### Description

<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, $\kappa$
<b>Clone No.</b>	CBR-IC3/1
<b>Isotype Control</b>	PE/Cyanine7 Mouse IgG1, $\kappa$ Isotype Control[MOPC-21] [Product E-AB-F09792H]
<b>Conjugation</b>	PE/Cyanine 7
<b>Conjugation Information</b>	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).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

### 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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L 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 Ig superfamily. It provides costimulatory signal for T cells and regulates cell adhesion through interaction with LFA-1 (CD11a/CD18,  $\alpha$ L/ $\beta$ 2) integrin.

### For Research Use Only