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## PE/Cyanine5 Anti-Human CD10 Antibody[CB-CALLA]

Catalog Number: E-AB-F1078G

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

Description

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ Clone No. **CB-CALLA** 

PE/Cyanine5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792G] Isotype Control

PE/Cyanine 5 Conjugation

**Conjugation Information** PE/Cyanine5 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 670 nm

(e.g., a 690/50 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** CALLA;CD10;MME;NEP;Neprilysin;Neutral endopeptidase;SFE

**Uniprot ID** P08473 Gene ID 4311

**Background** CD10 is a 100 kD neutral endopeptidase and a member of the metalloprotease family.

> It is a type II transmembrane protein also known as common acute lymphoblastic leukemia antigen (CALLA), enkephalinase, and neprilysin. CD10 is expressed on B cell precursors, T cell precursors, and neutrophils. CD10 is involved in B cell development and has been shown to bind opioid enkephalins, bradykinin,

angiotensins I and II, and other biologically active peptides.

For Research Use Only

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