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Elab Fluor® 488 Anti-Human CD10 Antibody[CB-CALLA]

Catalog Number: E-AB-F1078L

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

Description

Reactivity Human Mouse Host

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

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 CALLA:CD10:MME;NEP;Neprilvsin;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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