

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® Violet 450 Anti-Human CD10 Antibody[CB-CALLA]

Catalog Number: E-AB-F1078Q

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® Violet 450 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-

F09792Q1

Conjugation Elab Fluor® Violet 450

**Conjugation Information** Elab Fluor® Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

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

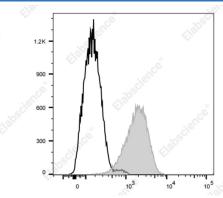
#### **Applications** Recommended usage

**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 (millie cells in 100 μL staining volume or per 151 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

#### Data



Staining of normal human peripheral blood cells with Elab

Fluor® Violet 450 Anti-Human CD10 Antibody[CB-CALLA] (filled gray histogram) or Elab Fluor® Violet 450 Mouse IgG1, κ Isotype Control (empty black histogram). Cells in the granulocytes gate were used for analysis.

# **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 bags

## **Antigen Information**

**Alternate Names** Neprilysin;MME;CALLA;NEP;Neutral endopeptidase;SFE;CD10

**Uniprot ID** P08473

# For Research Use Only

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#### **Elabscience Bionovation Inc.**



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Gene ID Background 4311

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.