

Biotin Anti-Human CD10 Antibody[CB-CALLA]

Catalog Number: E-AB-F1078B

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

Description

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| Reactivity | Human |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Clone No. | CB-CALLA |
| Isotype Control | Biotin Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793B] |
| Conjugation | Biotin |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |

Applications

Recommended usage

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| FCM | Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. |
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Preparation & Storage

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| Storage | Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Do not freeze. |
| Shipping | Ice bag |

Antigen Information

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| 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. |

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