



Product Datasheet
**Human CD10 Monoclonal Antibody
(AGEL0294)**
Catalogue Code: AGEL0294

Antibody Data

Product SKU:	AGEL0294	Clone	CB-CALLA
Applications:	FC	Conjugate	Unconjugated
Reactivity:	Human		

Immunogen Information:

Gene ID: 4311

Swiss Prot: P08473

Synonyms: Neprilysin, MME, CALLA, NEP, Neutral endopeptidase, SFE, CD10

Product Information:

Host Species: Mouse

Isotype: Mouse IgG1

Storage: PBS with 0.05% Proclin300

Recommended Dilution: Each lot of this antibody is quality control tested by immunofluorescent staining with 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 $100 \mu\text{l}$ volume or $100 \mu\text{l}$ of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

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.

Images:

