



Product Datasheet

Purified Anti-Human CD10 Antibody [HI10a]

Catalogue Code: AGEL3510

Antibody Data

Product SKU:	AGEL3510	Clone:	HI10a
Applications:	FCM		
Reactivity:	Human		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	Nepriylsin;Atriopeptidase;CALLA;Enkephalinase;NEP;Neutral endopeptidase;Skin fibroblast elastase;SFE;CD10;
Uniprot ID:	P08473
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 nepriylsin. 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.
Form:	Liquid
Conjugation:	Unconjugated
Size:	25µg, 100µg
Host Species:	Mouse
Isotype:	Mouse IgG1, κ
Isotype Control:	Purified Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL3510]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Shipping:	Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 0.5 \mu\text{g}$ 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.