Product Datasheet

PE/Cyanine7 Anti-Human CD10 Antibody [HI10a]
Catalogue Code: AGEL1720

Antibody Data

Product SKU:	**AGEL1720**	**Clone:**		**HI10a**
Applications:	**FCM**			
Reactivity:	**Human**			

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

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Alternate Names:	Neprilysin;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 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.
Form:	Liquid
Conjugation:	PE/Cyanine 7
Size:	20 Tests, 100 Tests, 200 Tests
Host Species:	Mouse
Isotype:	Mouse IgG1, κ

PE/Cyanine7 Excitation and Emission Spectra
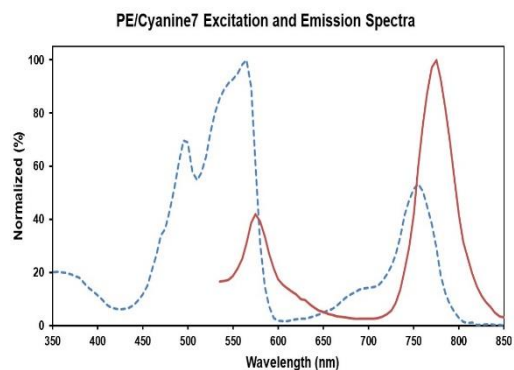
Ex:495;565;755 nm; Em:775 nm

Isotype Control:	PE/Cyanine7 Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL1720]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping:	Biological ice pack at 4℃

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. The amount 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.