PE/Cyanine7 Anti-Human CD3 Antibody [UCHT1]

Catalogue Code: AGEL2758

Antibody Data

Product SKU:	**AGEL2758**	**Clone:**	**UCHT1**
Applications:	**FCM**		
Reactivity:	**Human**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

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Alternate Names:	T-cell surface glycoprotein CD3 epsilon chain;CD3E;T-cell surface antigen T3/Leu-4 epsilon chain;CD3e;CD3E;T3E;
Uniprot ID:	P07766
Background:	CD3ε is a 20 kD chain of the CD3/T cell receptor (TCR) complex, which is composed of two CD3ε, one CD3γ, one CD3δ, one CD3ζ (CD247), and a T cell receptor (α/β or γ/δ) heterodimer. It is found on all mature T lymphocytes, NK T cells, and some thymocytes. CD3, also known as T3, is a member of the immunoglobulin superfamily that plays a role in antigen recognition, signal transduction, and T cell activation.

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
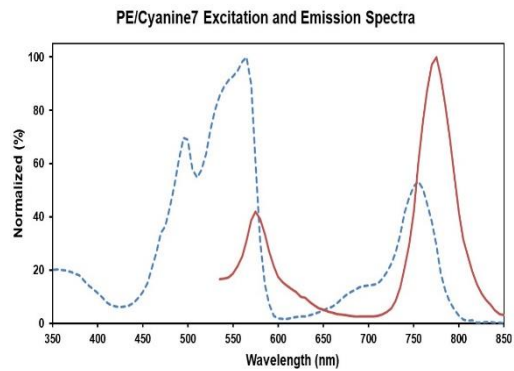
Ex:495;565;755 nm; Em:775 nm

Isotype Control:	PE/Cyanine7 Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL2758]
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.