

PE Anti-Human CD3 Antibody

Catalog Number:	109021, 109022
Size:	25 tests, 100 tests
Target Name:	CD3, T3, CD3ε
Regulatory Status:	RUO

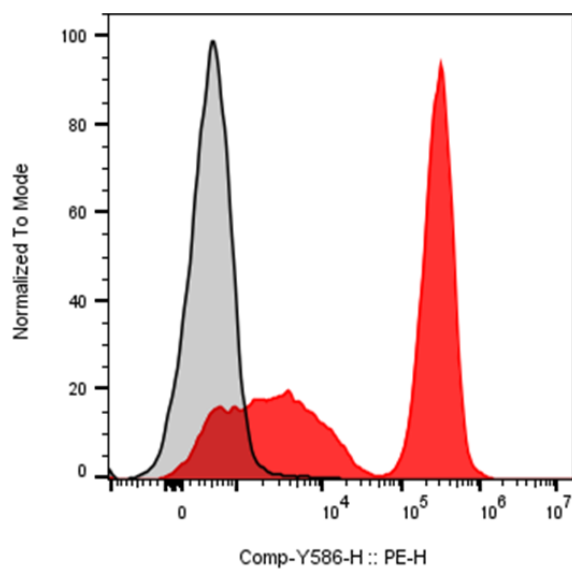
PRODUCT DETAILS

Clone:	UCHT1
Application:	Flow Cytometry
Reactivity:	Human
Format:	PE
Isotype:	Mouse IgG1
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
Protein Concentration:	Supplied at a lot-specific concentration.
Storage&Handling:	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Recommended Usage:	For flow cytometric staining, it is recommended to use 5 uL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.
Excitation Laser:	Blue Laser (488 nm) Green/Yellow laser (532/561nm)
RRID:	AB_3738882

BACKGROUND INFORMATION

CD3 (cluster of differentiation 3) is a protein complex and T cell co-receptor that is involved in activating both the cytotoxic T cell (CD8+ naive T cells) and T helper cells (CD4+ naive T cells). It is composed of four distinct chains. In mammals, the complex contains a CD3γ chain, a CD3δ chain, and two CD3ε chains. CD3ε chains are highly related cell-surface proteins of the immunoglobulin superfamily that plays a role in antigen recognition, signal transduction, and T cell activation.

PRODUCT DATA



Human peripheral blood lymphocytes was stained with PE Anti-Human CD3 clone UCHT1 (color-filled histogram) or an isotype control (gray histogram).

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