Human CD3_E PerCP-conjugated Antibody



Monoclonal Mouse IgG₁ Clone # UCHT1

Catalog Number: FAB100C 100 TESTS, 25 TESTS

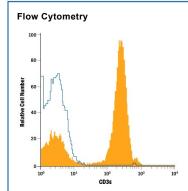
DESCRIPTION		
Species Reactivity	Human	
Specificity	Recognizes the ε-chain of the CD3/T cell antigen receptor complex (McMichael, A.J. et al. (1987) Leucocyte Typing III: White Cell Differentiation Antigens, Oxford University Press, New York; Knapp, W. et al. (1989) Leucocyte Typing IV: White Cell Differentiation Antigens, Oxford University Press, New York; Schlossman, S. et al. (1995) Leucocyte Typing V: White Cell Differentiation Antigens, Oxf University Press, New York).	
Source	Monoclonal Mouse IgG ₁ Clone # UCHT1	
Purification	Protein A or G purified from hybridoma culture supernatant	
Immunogen	Human thymocytes (1)	
Conjugate	PerCP (Peridinin-chlorophyll Protein Complex) Excitation Wavelength: 482 and 564 nm Emission Wavelength: 675 nm	
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.	
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Shee (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Flow Cytometry	10 μL/10 ⁶ cells	See Below

DATA



Detection of CD3ε in Human Blood Lymphocytes by Flow Cytometry. Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD3ε PerCPconjugated Monoclonal Antibody (Catalog # FAB100C, filled histogram) or isotype control antibody (Catalog # IC002C, open histogram). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage

Protect from light. Do not freeze.

• 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

CD3s is one of at least four invariant proteins that associate with the variable antigen recognition chains of the T cell receptor and function in signal transduction.

References:

1. Beverly, P.C.L. and R.E. Callard (1981) Eur. J. Immunol. 11:329.

