



CD3E Monoclonal Antibody, PE-Cy5 Conjugated

Product Code	CSB-MA843517
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Raised In	Mouse
Species Reactivity	Human
Tested Applications	ELISA,IF,FC;Recommended dilution:IF:1:100-1:200
Relevance	<p>4AT3 reacts with CD3, a 20-26 kDa molecule, which is expressed on all mature T lymphocytes (approximately 60-80% of normal human peripheral blood lymphocytes), NK-T cells and some thymocytes. CD3 associated with the T-cell receptor α/β or γ/δ dimer also plays a role in T-cell activation and signal transduction during antigen recognition.</p> <p>* CD3 mAb is used to count mature T cells in blood.</p> <ol style="list-style-type: none">1. Ledbetter, J et al. (1981) J Exp Med 153:310-323.2. Haynes, B et al. (1986) Leukocyte Typing II: Human T lymphocytes. New York: Springer-Verlag; 3-30.3. Clevers H et al. (1988). Ann Rev Immunol 6 : 629-662.4. Barclay, N et al. (1993). The Leucocyte Factsbook. Academic Press. San Diego.
Form	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Isotype	Mouse IgG2a
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	8D2
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.