



CD3E Monoclonal Antibody, FITC Conjugated

Product Code	CSB-MA270849
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	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.* CD3 mAb is used to count mature T cells in blood. 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	IgG2a
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	10B7
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.