



CD3E Monoclonal Antibody, PE-Cy5 Conjugated

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| 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. | 4AT3 |