



CD4 Monoclonal Antibody, FITC Conjugated

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| Product Code | CSB-MA124048 |
| 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>CD4, also known as T4, is a 55 kD single chain transmembrane glycoprotein and belongs to immunoglobulin superfamily. CD4 is found on most thymocytes, a subset of T cells and at low level on monocytes/macrophages.</p> <p>CD4 is a co-receptor involved in immune response (co-receptor activity in binding to MHC class II molecules) and HIV infection (CD4 is primary receptor for HIV-1 surface glycoprotein gp120). CD4 regulates T-cell activation, T/B-cell adhesion, T-cell differentiation, T-cell selection and signal transduction.</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 | IgG2b |
| Clonality | Monoclonal |
| Product Type | Monoclonal Antibody |
| Immunogen Species | Homo sapiens (Human) |