

CD27, mature T-cell, B-cell subset, clone CLB-27 Monoclonal Antibody

Catalog No.: MON1114

Quantity: 1 ml

Specificity

The monoclonal antibody is directed against the CD27 antigen, a 55 kD protein, which is expressed on a large subpopulation (75%) of peripheral blood T-lymphocytes and most medullary thymocytes. Little binding was observed with normal human B-cells, CD3 negative leukemic cells, B-cells derived and myeloid leukemias. Immunogen: E-rosette positive human lymphocytes.

Immunoglobulin type

Murine IgG_{2a}

Use

Identification of two functionally distinct populations within the CD4+ T-cell subset.

Instructions for use

The antibody is useful for indirect immunofluorescence staining with analysis by cytofluorometry or fluorescence microscopy.

Presentation

Each vial contains 1 ml with approximately 0.1 mg/ml monoclonal antibody and 10 mg BSA and 0.001% Merthiolate in 20mM TRIS and 150mM NaCl, pH 8.0. Sufficient for 200 tests. Purification through ammoniumsulphate precipitation and ion exchange chromatography.

Literature

- van Lier, R.A.W., et al., 1987, J. Immunol. 139, 1589.
- van Lier, R.A.W., et al., 1988, Eur. J. Immunol. 18, 811.
- Borst, J., et al., 1989, Eur. J. Immunol. 19, 1989.

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Cell Sciences, Inc.
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Web Site: www.cellsciences.com