CD99R (HIT4) Antibody

Subcategory: Mouse Monoclonal Antibody, FITC-conjugated Antibody
Cat. No.: 251037
Unit: 2 ml

Description:
The CD99R (HIT4) antibody recognizes a 32-kDa type-I single chain highly glycosylated transmembrane protein. CD99R is an isoform of CD99 with restricted cell distribution. CD99R antigen is expressed on hematopoietic progenitors, thymocytes, a subset of T cells (30-42% of CD4+ cells and 15-23% of CD8+ cells), NK cells and some leukemic cells, but is not on B cells, erythrocytes and platelets. In leukemia, the co-expression of CD99R antigen and CD38 antigen predicts that the leukemic cells are in early or immature stage.

Isotype: mouse IgM
Applications: FC
Species Reactivity: H
Format: Each vial contains 2 ml IgM (100 tests) in PBS pH7.4, 0.1% BSA with 0.09% sodium azide. Antibody was purified by hydroxyapatite chromatography.
Alternate Names: CD99; CD99 antigen; T-cell surface glycoprotein E2; E2 antigen; Protein MIC2; 12E7; CD99 Restricted; CD99R
Accession No.: P14209

Application Notes: FC with whole blood: 100 ?l blood + 20 ?l antibody; FC with cells: 10E6 cells + 20 ?l antibody. FC: 1:200-1:1,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

Product Citations: Shen DC., et al. 1986. Chinese J. of Immunology. 2(6): 331; Chen Z., et al. 1987. Shanghai J. of Immunology. 7(1): 1; Yang CY., et al. 1994. Chinese J. of Microbiology and Immunology. 14(2): 104; Yang CY., et al. 1995. Shanghai J. of Immunology. 15(1): 4; Schlossman S. et al., eds. 1995. Leucocyte Typing V: White Cell Differentiation Antigens. P246, Oxford University Press, New York.

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