

CD99R (HIT4) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250981

Unit: 0.1 mg

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: E, FC, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: CD99; CD99 antigen; T-cell surface glycoprotein E2; E2 antigen; Protein MIC2; 12E7; CD99 Restricted; CD99R

Accession No.: P14209

Application Notes: Purified antibody is suitable for immunohistochemistry with acetone-fixed frozen sections. E: 1:500-1:1,000; FC: 1:200-1:1,000; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year 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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