
CD99 (HI156) Antibody

Subcategory: Mouse Monoclonal Antibody, PE-conjugated Antibody

Cat. No.: 251092

Unit: 2 ml

Description:

The CD99 (HI156) antibody recognizes a 32-kDa type-I single chain transmembrane glycoprotein, called E2 antigen which is the MIC2 gene product. CD99 antigen is expressed on most hematological cells, especially at high density on thymocytes, T cells and the cells of T-cell leukemias and lymphomas. CD99 is differentially expressed on early hematopoietic stages, but lacking on fetal B cells and some B cell lines, eosinophils, granulocytes and NK-cell line YT. CD99 antigen is involved in T-cell adhesion processes and hematopoietic adhesion pathways such as rosette formation.

Isotype: mouse IgG2a

Applications: FC

Species Reactivity: H

Format: Each vial contains 2 ml IgG (100 tests) in PBS pH7.4, 0.1% BSA 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

Accession No.: P14209

Application Notes: FC with whole blood: 100 μ l blood + 20 μ l antibody; FC with cells: 10E6 cells + 20 μ 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: Tadimitsu K. et al., eds. 1997. Leucocyte Typing VI: White Cell Differentiation Antigens. P49-52, 113-114 Garland Publishing, Inc., New York.

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