CD99 (HI156) Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 250980
Unit: 0.1 mg

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 suc as rosette formation.

Isotype: mouse IgG2a
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
Accession No.: P14209

Application Notes: Purified antibody is suitable for immunohistochemistry with acetone-fixed frozen and formalin-fixed paraffin 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: Tadamitsu 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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