



Catalog# CD99UL-100 Size 100 ug

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### Mouse Anti-Human CD99

#### PRODUCT INFORMATION

**CLONE:** HI156  
**ISOTYPE:** Mouse IgG2a  
**WS.No.:** VI N-L158  
**Product Forms:** Purified.

#### DESCRIPTION

CD99 McAb recognizes a 32KD type □ 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 and 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 may be involved in T-cell adhesion processes and may have a role in hematopoietic adhesion pathways.

#### PREPARATION

The monoclonal antibody is purified from ascites by protein G affinity chromatography.

#### USAGE

The purified reagent is effective for indirect immunofluorescence staining of human cells for flow cytometric analysis and is tested for immunohistochemical staining of acetone-fixed frozen sections and formalin-fixed paraffin sections.

#### STORAGE

For purified forms, long term storage at -20□.

#### REFERENCES

Tadamitsu K, K.Hitoshi, A.E.G.Kr.van dem Borne, et al., eds. 1997. Leucocyte Typing □:White Cell Differentiation Antigens. P: 75, 1183 Garland Publishing, Inc., New York.