ALPHA DIAGNOSTIC INTERNATIONAL

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Catalog# **CD99UL-100** **Size** **100 ug**

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.

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