

<b>Catalog#</b>	<b>CD99PC-100</b>	<b>Size</b>	<b>100 tests</b>
<b>Catalog#</b>	<b>CD99PC-25</b>	<b>Size</b>	<b>25 tests</b>

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**Mouse Anti-Human CD99-PE Cy5 conjugate**

**PRODUCT INFORMATION**

<b>CLONE:</b>	HI156
<b>ISOTYPE:</b>	Mouse IgG2a
<b>WS.No.:</b>	VI N-L158
<b>Product Forms:</b>	Purified.

**DESCRIPTION**

CD99 McAb recognizes a 32KD type  $\square$  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  $-20^{\circ}\text{C}$ .

**REFERENCES**

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

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