



Mouse Anti Human CD10 PE

PRODUCT INFORMATION

CLONE: HI10a
ISOTYPE: Mouse IgG1, κ
WS.No.: V CD 10.7
CATALOG#: A6203/ A6213
CONTENTS: R-PE conjugated antibody buffered in 10mM PBS (pH 7.0) with 0.05% NaN_3 and 1% BSA.

DESCRIPTION

CD10 McAb recognizes neutral endopeptidase, a 100KD type II transmembrane glycoprotein, which is referred as the Common Acute Lymphoblastic Leukemia Antigen(CALLA). CD10 antigen is expressed on a wide variety of normal and neoplastic cells including some subset of B and T lymphoid progenitors, germinal center cells, some granulocytes and fibroblasts. It is as a marker of common(pre-B) acute lymphocytic leukemias and these cells usually coexpress CD19, HLA- II and CD9 antigens. CD10 functions as regulator of B cell growth and proliferation by hydrolysis of peptides with proliferative/anti-proliferative effects.

PREPARATION

The monoclonal antibody is purified from ascites by protein G affinity chromatography and is conjugated with R-PE under optimum conditions.

USAGE

The R-PE conjugated reagent is tested for flow cytometric analysis using $20\mu\text{l}/10^6$ cells or $100\mu\text{l}$ peripheral blood cells.

STORAGE

Store at 4°C , should not be frozen and avoid prolonged exposure to light.

REFERENCES

Schlossman S., L. Bloumsell, W. Gilks, et al., eds. 1995. Leucocyte Typing V: White Cell Differentiation Antigens. P: 491, 505, 2003 Oxford University Press, New York.

Use For Research Only