



Mouse Anti Human CD10 Purified

PRODUCT INFORMATION

CLONE:	HI10a
ISOTYPE:	Mouse IgG1, κ
WS.No.:	V CD 10.7
CATALOG#:	A6201/ A6201-bulk
CONTENTS:	Purified antibody buffered in 10mM PBS (pH 7.0) with 0.1% NaN ₃ .

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 co-express 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.

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.

STORAGE

Store at 4°C. For long-term storage aliquot and store at -20°C. Avoid freeze and thaw cycles.

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.

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