



## Mouse Anti Human CD10 Purified

### PRODUCT INFORMATION

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

### 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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