

Monoclonal Mouse Antibody to Human CD10 antigen

Catalog No.:	Mob 240, Mob 240-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	Prokaryotic recombinant protein corresponding to the external domain of the CD10 glycoprotein.
Clone:	56C6
Isotype:	IgG1
Format:	This antibody is supplied as tissue culture supernatant containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:20-1:30 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation should be determined by the user based upon the fixation conditions and staining system employed. <u>High temperature antigen unmasking with 10mM citrate buffer, pH 6.0 is required prior to immunostaining of formalin fixed paraffin embedded tissue sections.</u>
Specificity:	This antibody is specific to human CD10 antigen of 100 kD, also known as common acute lymphocytic leukemia antigen (CALLA). CD10 antigen has been identified on the surface of early lymphoid progenitor cells, immature B cells within adult bone marrow, and germinal center B cells within lymphoid tissue.
Positive Control:	Tonsil
Cellular Localization:	Cell membrane
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Carrel et al. Melanoma Res 3: 319, 1993. ii) Haralambidou et al. J Clin Pathol 40: 490, 1987. iii) Kiyokawa et al. Clin Exp Immunol 79: 322, 1990. iv) Scheuermann et al. Leukemia and Lymphoma 18: 385, 1995.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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