

Mouse anti-CD10, clone 56C6 (monoclonal)

Clone no. 56C6

MONXtra

Product name	Mouse anti-CD10, clone 56C6 (monoclonal)
Host	Mouse
Applications	IHC-P (1:100)
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant fusion protein corresponding to the external domain of the human CD10 glycoprotein.
Isotype	IgG1
Clonality	Monoclonal
Clone number	56C6
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tissue culture supernatant with sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

CD10 antigen, also called neprilysin, is a 100 kD cell surface metalloendopeptidase which inactivates a variety of biologically active peptides. It was initially identified as the common acute lymphoblastic leukemia antigen (CALLA) and was thought to be tumor-specific. Subsequent studies, however, have shown that CD10 antigen is expressed on the surface of a wide variety of normal and neoplastic cells. In other lymphoid malignancies, CD10 antigen is reported to be expressed on cells of lymphoblastic, Burkitt's and follicular lymphomas. CD10 antigen has been identified on the surface of normal early lymphoid progenitor cells, immature B cells within adult bone marrow and germinal center B cells within lymphoid tissue. It is also expressed in various non-lymphoid cells and tissues, such as breast myoepithelial cells, bile canaliculi, fibroblasts, with especially high expression on the brush border of kidney and gut epithelial cells. (G. McIntosh et al. American Journal of Pathology. 154(1): 77-82 (1999)).

References

1. Millar EK et al. Journal of Clinical Pathology 1999 52, 849-850
2. McIntosh GG et al. American Journal of Pathology 1999 154(1), 77-82
3. Kaufmann O et al. American Journal of Clinical Pathology 1999 111(1), 117-122
4. Endoh Y et al. Human Pathology 1999 30(7), 826-832
5. Chu P and Arber DA. American Journal of Clinical Pathology 2000 113(3), 374-381

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