Mouse anti-PAX-5, clone MX017(Monoclonal)

Clone no. MX017

MONOSAN

Product name	Mouse anti-PAX-5, clone MX017(Monoclonal)
Host	Mouse
Applications	IHC-P (1:100-1:200)
Species reactivity	Human
Conjugate	-
Immunogen	Unknown or proprietery to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	MX017
Size	1 ml
Concentration	n/a
Format	Concentrate
Storage buffer	Tissue culture supernatant containing 15mM sodium azide
Storage until expiry date	2-8°C

Product datasheet MON10206

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Additional info

The PAX-5 gene is essential for B-cell differentiation. There are at least four isoforms, of which PAX-5a has been most studied. PAX-5 encodes the 50 kDa B-cell specific activator protein, BSAP. PAX-5 is expressed by pro-, pre-and mature B-cells, but is downregulated during terminal differentiation of plasma cells. PAX-5 influences the expression of other B-cell specific genes, including CD19 and CD20 and CD79a, preceding the expression of CD20. PAX-5 is silenced at the plasma cell stage under the influence of B-lymphocyte-induced maturation protein-1 (PRDM1). PAX-5 is expressed during mouse embryogenesis within the developing brain in a way that is temporarily and spatially tightly condoled. PAX-5 deficient mice show deformation of the mid-brain. Expression in human embryogenesis occurs in the mesoencephalon and spinal cord.
Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections. (dilution 1:100 - 1:200) The optimal dilution for a specific application should be determined by the investigator. Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended. Control tissue Tonsil; staining nuclear

References

1. Torlakovic, E. et al. Am J Surg Pathol 2002; 26(10): 1343-50
2 Lin, P. et al. Mod Pathol 2004; 17(10): 1217-22
3. -
4. -
5. -

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