Antibodies

Data Sheet

HUMAN THYMOSIN α_1

ANTIBODY, POLYCLONAL

Catalog no.:	A 9510.1 / A9510.2
Immunogen:	Synthetic human Thymosin α1 KLH conjugated (SDAAVDTSSEITTKDLKEKKEVVEEAEN)
Synonyms:	Prothymosin α (aa 2-29)
Swiss-Prot No:	P06454
Gene Information:	Gene Name: PTMA, TMSA
	Gene ID: 5757
Host:	Rabbit
Matrix:	Serum
Specificity:	Human and mouse Thymosin α_1
	There was no cross reactivity obtained against human Thymosin β_4 and human Thymulin.
Contents:	20 µl / 100 µl (lyophilized)
	Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	ELISA (1:4000), immunohistochemistry (paraffin sections, 1:100-1000; cryosections, 1:50)[1, 2]
	This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions in their system using appropriate negative/positive controls.
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved)
	Repeated thawing and freezing must be avoided

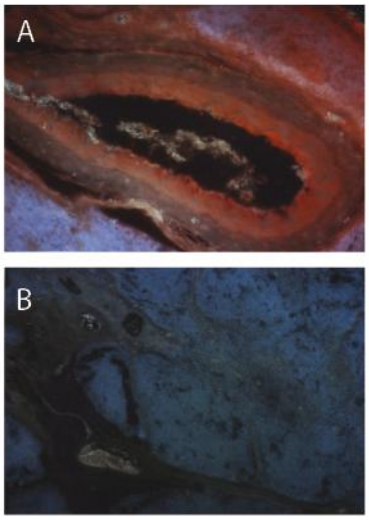

Figure 1: Immunofluorescence image of Thymosin α_1 staining in paraffin section of human juvenile thymus. **A.** The section was incubated with A 9510 (1:100) followed by an appropriate secondary antibody coupled to Cy3. The nuclei were stained with DAPI. Original magnification: x20. **B.** Control section without primary antibody. Original magnification: x10.

References:

1. Zoltowska A (1997). Pathogenesis of breast carcinoma. Immunohistochemical study. *Arch Immunol Ther Exp (Warsz)* ***45***(1)**:** 101-108.

2. Zoltowska A, Stepinski J, Kuczkowski J, Kaminski M, Cynowska B, Kruszewski W (1998). Epithelialmesenchymal cell interactions and participation of the neuroendocrine markers in tumor development. Immunohistochemical study. *Arch Immunol Ther Exp (Warsz)* ***46***(4)**:** 247-251.

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Immundiagnostik AG
Stubenwald-Allee 8a · 64625 Bensheim · Germany
Phone: +49 (0) 62 51/70 19 00 · Fax: +49 (0) 62 51/84 94 30 · info@immundiagnostik.com · www.immundiagnostik.com