

Data Sheet

HUMAN THYMOSIN β 4 (aa 1-43)

ANTIBODY, POLYCLONAL

Catalog no.:	A 9522.1 / A 9522.2
Immunogen:	Synthetic human Thymosin β 4 (aa 1-43) KLH conjugated (AcSDKPDMAEIEKFDFKSKLKKTTETQEKNPLPSKETIEQEKQAGES)
Synonyms:	T beta-4, Fx
Swiss-Prot No:	P62328
Gene Information:	Gene Name: TMSB4X, TB4X, THYB4, TMSB4 Gene ID: 7114
Host:	Rabbit
Matrix:	Serum
Specificity:	Human Thymosin β 4 Cross-reactivity with human Thymosin β 9 and β 10
Contents:	20 μ l / 100 μ l (lyophilized) Resuspend in 20 μ l / 100 μ l aqua bidest.
Known applications:	ELISA (1:4000) ¹ , Western Blot ² , immunohistochemistry (paraffin sections, 1:100-1000) ² , immunocytochemistry (1:100) 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
References:	1. Becker S, Armbruster FP, Muller B, Echner H, Kapurnotu A, Livaniou E, Mihelic M, Stoeva S, Voelter W (1994). Theoretical and experimental epitope mapping of thymosin beta 4. <i>J Immunol Methods</i> 177 (1-2): 131-137. 2. Wirsching HG, Krishnan S, Florea AM, Frei K, Krayenbuhl N, Hasenbach K, Reifenberger G, Weller M, Tabatabai G (2014). Thymosin beta 4 gene silencing decreases stemness and invasiveness in glioblastoma. <i>Brain</i> 2014 Feb; 137 (Pt2):433-48 [epub ahead of print].
Last updated on:	13 April 2022

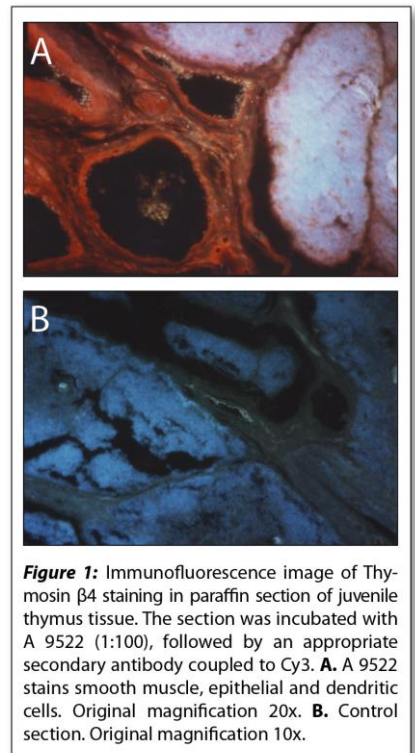
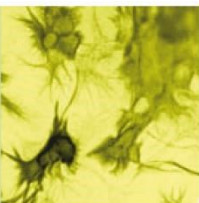
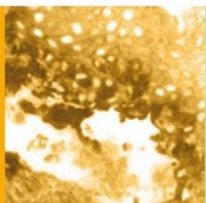


Figure 1: Immunofluorescence image of Thymosin β 4 staining in paraffin section of juvenile thymus tissue. The section was incubated with A 9522 (1:100), followed by an appropriate secondary antibody coupled to Cy3. **A.** A 9522 stains smooth muscle, epithelial and dendritic cells. Original magnification 20x. **B.** Control section. Original magnification 10x.



Antibodies



For research use only

Publishing research using A 9522? Please let us know so that we can cite your publication as a reference.



Immundiagnostik AG

Stubenwald-Allee 8a · 64625 Bensheim · Germany

Phone: +49 6251 70190-0 · Fax: +49 6251 70190-363 · dept.immuochemicals@immundiagnostik.com · www.immundiagnostik.com