



Data Sheet

HUMAN THYMOSIN β 4 (aa 1-14)

ANTIBODY, POLYCLONAL

Catalog no.:	A 9520.1 / A 9520.2
Immunogen:	Synthetic human Thymosin β 4 (aa 1-14) KLH conjugated (AcSDKPDMAEIEKFDK)
Synonyms:	T beta-4, Fx
Swiss-Prot No:	P62328
Gene Information:	Gene name: TMSB4X, TB4X, THYB4, TMSB4 GeneID: 7114
Host:	Rabbit
Matrix:	Serum
Specificity:	Human Thymosin β 4 (aa 1-14), human and mouse Thymosin β 4. There was no cross reactivity obtained with human Thymosin α 1 and human Thymulin, Tb4 (aa 1-4), Tb9, Tb9 (aa 1-14), AcADKP, ADKP, AcGDKP, AcTDKP, AcSPKD, AcVDKP, BSA.

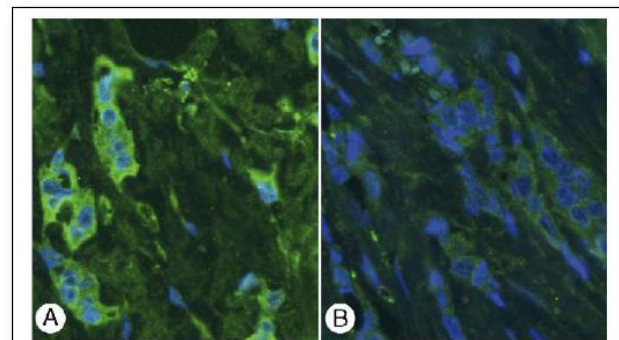


Figure 1: Immunohistochemistry image of Thymosin β 4 staining in paraffin sections of breast cancer tissue. Sections were incubated with A 9520 (1:200) for 2h followed by incubation with Alexa-488 goat-anti-rabbit antibody (1:400) (Molecular Probes). The sections were stained for DNA using bisbenzimidazole. **A.** A 9520 stains scattered tumor cells strongly. **B.** Antiserum preabsorbed with the antigen does not stain the tumor tissue.

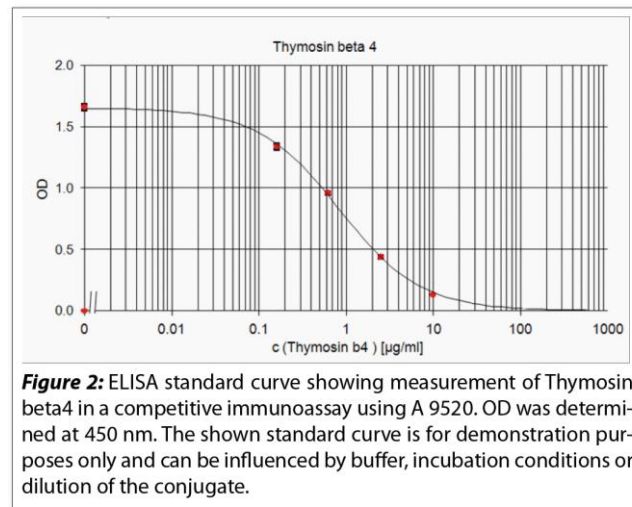
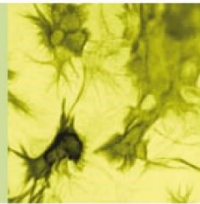
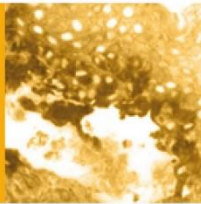
Larsson LI et al. (2007) *Hum Pathol* 38(1):114-9

Contents:	20 μ l / 100 μ l (lyophilized) Resuspend in 20 μ l / 100 μ l aqua bidest.
Known applications:	ELISA (1:4000) ^{1,2} , Western Blot (1:5000) ⁸ , dot blot (1:500), immunohistochemistry (paraffin sections, 1:200; cryosections, 1:100; vibratome sections, 1:8000; whole-mount, 1:100) ^{3, 4, 5, 6, 7, 8}

This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.

Store at:	2-8 °C (lyophilized); -20 °C (dissolved) Repeated thawing and freezing must be avoided
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References:

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