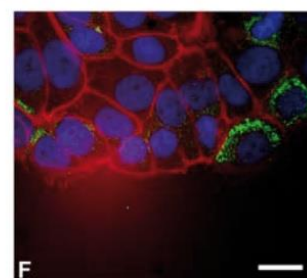


## Data Sheet

# HUMAN THYMOSIN $\beta$ 10 (aa 1-14)

## ANTIBODY, POLYCLONAL

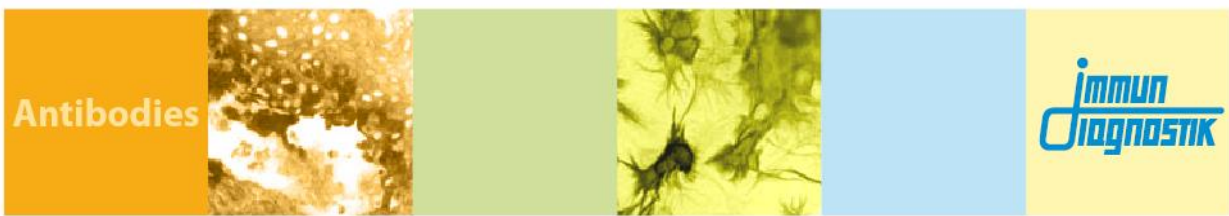
<b>Catalog no.:</b>	A 9561.1 / A 9561.2
<b>Immunogen:</b>	Synthetic human Thymosin $\beta$ 10 (aa 1-14) KLH conjugated (ACADKPDMGEIASFDK)
<b>Swiss-Prot No:</b>	P63313
<b>Gene Information:</b>	Gene Name: TMSB10, PTMB10, THYB10 GeneID: 9168
<b>Host:</b>	Rabbit
<b>Matrix:</b>	Serum
<b>Specificity:</b>	Human Thymosin $\beta$ 10 (aa 1-14), human Thymosin $\beta$ 10  There was no cross reactivity obtained with human Thymosin $\beta$ 4, Thymosin $\beta$ 9, Thymosin $\beta$ 15, Thymosin $\beta$ 4 peptide (aa 1-4), and Thymosin $\beta$ 4 (aa 1-14).
<b>Contents:</b>	20 $\mu$ l / 100 $\mu$ l (lyophilized)  Resuspend in 20 $\mu$ l / 100 $\mu$ l aqua bidest.
<b>Known applications:</b>	ELISA (1:1000), immunocytochemistry <sup>2</sup>  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.
<b>Store at:</b>	2-8 °C (lyophilized); -20 °C (dissolved)  Repeated thawing and freezing must be avoided
<b>References:</b>	1. Hörger S, Gallert B, Echner H, Voelter W (1992). Synthese eines Thymosin beta-10-Fragments zur Entwicklung spezifischer Antikörper. <i>Z Naturforsch</i> <b>47b</b> :1170-4.  2. Maelan AE, Rasmussen TK, Larsson LI (2007). Localization of thymosin beta10 in breast cancer cells: relationship to actin cytoskeletal remodeling and cell motility. <i>Histochem Cell Biol</i> <b>127</b> (1): 109-113.
<b>Last updated on:</b>	14 April 2022



**Figure 1:** Immunofluorescence image of Thymosin beta10 staining of MCF7 cells in a wound/scratch assay. The cells were fixed, stained with A 9561, followed by incubation with Alexa-488 goat anti-rabbit IgG (1:400) (Molecular Probes). F-actin and DNA were visualized using Alexa-594 phalloidin (Molecular Probes) and bisbenzimidazole (Sigma), respectively. A 9561 stains the cytoplasm of migrating MCF7 cells at the edge of the wound.

Maelan AE et al. (2007) *Histochem Cell Biol* 127:109–113





**For research use only**

**Publishing research using A 9561? Please let us know so that we can cite your publication as a reference.**

