





## Product datasheet

### Anti-Thymosin beta 4 antibody ab14334

★☆☆☆☆ 1 Abreviews 7 References

#### Overview

<b>Product name</b>	Anti-Thymosin beta 4 antibody
<b>Description</b>	Rabbit polyclonal to Thymosin beta 4
<b>Host species</b>	Rabbit
<b>Specificity</b>	Recognises a synthetic Human Thymosin beta 4 peptide(aa 1-43). The antibody has not been tested on the endogenous protein.ab14334 also detects Thymosin beta 9 and Thymosin beta 10 along with Thymosin beta 4.
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, IHC-P, ICC, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Horse, Chicken, Cow 
<b>Immunogen</b>	Synthetic peptide: SDKPDMAEIE KFDKSKLKKT ETQEKNPLPS KETIEQEKQA GES conjugated to KLH, corresponding to amino acids 1-43 of Human Thymosin beta 4  <b>Run BLAST with</b>  <b>Run BLAST with</b> 
<b>Positive control</b>	Thymosin beta 4 synthetic peptide
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Constituent: Whole serum
<b>Purity</b>	Whole antiserum
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab14334 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
ICC		Use at an assay dependent concentration.
WB	★☆☆☆☆ (1)	Use at an assay dependent concentration. Predicted molecular weight: 5 kDa. See Smart et al. Non specific bands were reported by the researcher who published this reference.

## Target

### Function

Plays an important role in the organization of the cytoskeleton (By similarity). Binds to and sequesters actin monomers (G actin) and therefore inhibits actin polymerization.  
Seraspenide inhibits the entry of hematopoietic pluripotent stem cells into the S-phase.

### Tissue specificity

Expressed in several hemopoietic cell lines and lymphoid malignant cells. Decreased levels in myeloma cells.

### Sequence similarities

Belongs to the thymosin beta family.

### Cellular localization

Cytoplasm > cytoskeleton.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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