

## Product datasheet

# Anti-Thrombospondin 1 antibody ab93653

[2 References](#) [1 Image](#)

### Overview

---

<b>Product name</b>	Anti-Thrombospondin 1 antibody
<b>Description</b>	Rabbit polyclonal to Thrombospondin 1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human Thrombospondin 1 (internal sequence). Rabbit polyclonal THBS1 antibody was raised against a peptide between the 700-800 aa residues of human THBS1 protein. Database link: <a href="#">NM_003246</a>
<b>Positive control</b>	Tonsil
<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. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

---

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab93653 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
IHC-P		

### Application notes

IHC-P: 1/50 - 1/200.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

### Function

Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Binds heparin. May play a role in dentinogenesis and/or maintenance of dentin and dental pulp (By similarity). Ligand for CD36 mediating antiangiogenic properties. Plays a role in ER stress response, via its interaction with the activating transcription factor 6 alpha (ATF6) which produces adaptive ER stress response factors.

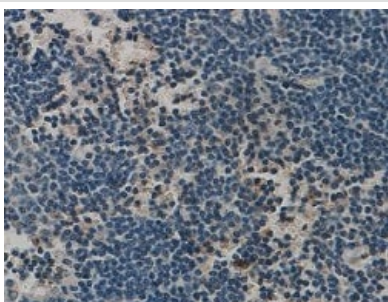
### Sequence similarities

Belongs to the thrombospondin family.  
Contains 2 EGF-like domains.  
Contains 1 laminin G-like domain.  
Contains 1 TSP C-terminal (TSPC) domain.  
Contains 3 TSP type-1 domains.  
Contains 8 TSP type-3 repeats.  
Contains 1 VWFC domain.

### Cellular localization

Endoplasmic reticulum. Sarcoplasmic reticulum.

## Images



ab93653, at a dilution of 1/100, staining Thrombospondin in the membrane of formalin fixed, paraffin embedded tonsil tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thrombospondin 1 antibody (ab93653)

**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.

## **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors