




Product datasheet

Anti-Thrombospondin antibody ab223580

1 Image

Overview

Product name	Anti-Thrombospondin antibody
Description	Goat polyclonal to Thrombospondin
Host species	Goat
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide corresponding to Human Thrombospondin aa 475-487 (internal sequence). (NP_003237.2). Sequence: EGEARETKACKKD Database link: P079962  Run BLAST with  Run BLAST with
Positive control	WB: HEK-293 cells overexpressing human thrombospondin with C-terminal MYC tag.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	ab223580 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab223580** in the following tested applications.

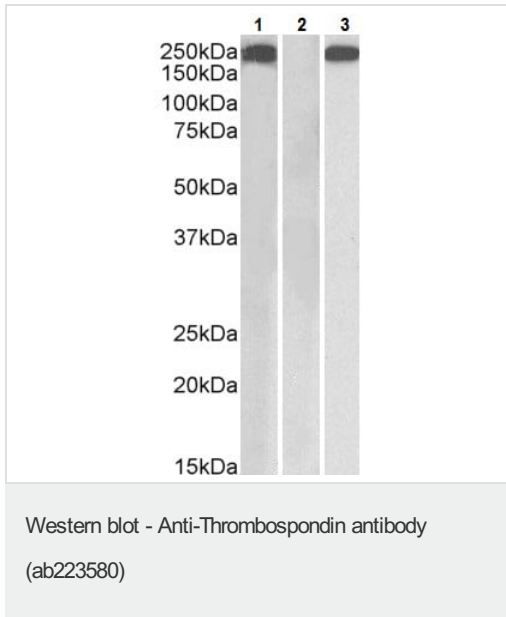
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 200 kDa (predicted molecular weight: 129 kDa). 1 hour primary incubation is recommended for this product.

Target

Function	Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions.
Sequence similarities	Belongs to the thrombospondin family. Contains 3 EGF-like domains. Contains 1 TSP C-terminal (TSPC) domain. Contains 1 TSP N-terminal (TSPN) domain. Contains 3 TSP type-1 domains. Contains 8 TSP type-3 repeats. Contains 1 VWFC domain.

Images



Lanes 1-2 : Anti-Thrombospondin antibody (ab223580) at 1 µg/ml

Lane 3 : Anti-Myc tag at 1/1000 dilution

Lane 1 : HEK-293 (human epithelial cell line from embryonic kidney) cell lysate overexpressing human Thrombospondin with C-terminal Myc tag (in RIPA buffer)

Lane 2 : Mock-transfected HEK-293 cells lysate (in RIPA buffer)

Lane 3 : HEK-293 cell lysate overexpressing human Thrombospondin with C-terminal Myc tag (in RIPA buffer)

Lysates/proteins at 10 µg per lane.

Developed using the ECL technique.

Predicted band size: 129 kDa

Observed band size: 200 kDa

[why is the actual band size different from the predicted?](#)

Primary incubations were for 1 hour.

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