

## Product datasheet

### Anti-Elafin/ESI antibody [TRAB2F] ab81681

#### 3 References

#### Overview

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<b>Product name</b>	Anti-Elafin/ESI antibody [TRAB2F]
<b>Description</b>	Mouse monoclonal [TRAB2F] to Elafin/ESI
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, IHC-P, WB <b>Unsuitable for:</b> IHC-Fr
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide corresponding to Elafin/ESI (C terminal) conjugated to keyhole limpet haemocyanin. Sequence: AQEPVKGPVSTKPGSC <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>

#### General notes

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.

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&As

#### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium azide Constituents: 1% BSA, PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	TRAB2F
<b>Isotype</b>	IgG2b

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab81681 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.
WB		Use at an assay dependent concentration. Predicted molecular weight: 12 kDa. Use under reducing conditions.

**Application notes** Is unsuitable for IHC-Fr.

## Target

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<b>Function</b>	Neutrophil and pancreatic elastase-specific inhibitor of skin. It may prevent elastase-mediated tissue proteolysis.
<b>Sequence similarities</b>	Contains 1 WAP domain.
<b>Domain</b>	Consists of two domains: the transglutaminase substrate domain (cementoin moiety) and the elastase inhibitor domain. The transglutaminase substrate domain serves as an anchor to localize elafin covalently to specific sites on extracellular matrix proteins.
<b>Cellular localization</b>	Secreted.

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- 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

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