

Product datasheet

Anti-Elafin/ESI antibody [TRAB2F] ab81681

3 References

Overview

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

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

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

Applications

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

Function	Neutrophil and pancreatic elastase-specific inhibitor of skin. It may prevent elastase-mediated tissue proteolysis.
Sequence similarities	Contains 1 WAP domain.
Domain	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.
Cellular localization	Secreted.

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

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