


Product datasheet

Anti-IKZF3 antibody ab199111

2 Images

Overview

Product name	Anti-IKZF3 antibody
Description	Rabbit polyclonal to IKZF3
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Fusion protein corresponding to Human IKZF3 (C terminal). NCBI Accession No. BC032707. The identity of the protein fusion partner is GST. Database link: Q9UKT9-1
Positive control	Human liver cancer and thyroid cancer tissues.
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: 7.4 Preservative: 0.05% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 49% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab199111** in the following tested applications.

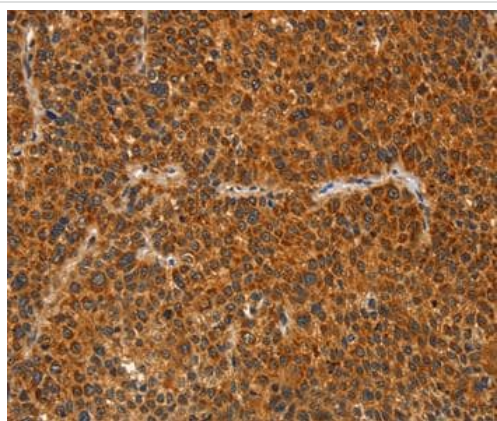
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Target

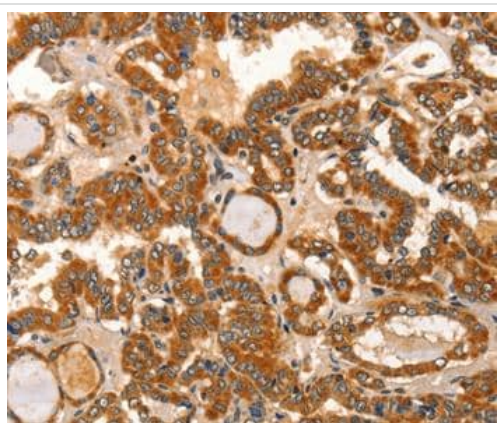
Function	Transcription factor that plays an important role in the regulation of lymphocyte differentiation. Plays an essential role in regulation of B-cell differentiation, proliferation and maturation to an effector state. Involved in regulating BCL2 expression and controlling apoptosis in T-cells in an IL2-dependent manner.
Tissue specificity	Expressed most strongly in peripheral blood leukocytes, the spleen, and the thymus.
Sequence similarities	Belongs to the Ikaros C2H2-type zinc-finger protein family. Contains 6 C2H2-type zinc fingers.
Post-translational modifications	Phosphorylation on tyrosine residues induced by IL2 is required for dissociation from HRAS and nuclear translocation of IKZF3 in T-cells. Phosphorylation on tyrosine residues induced by IL4 is required for dissociation from Bcl-X(L) in T-cells.
Cellular localization	Nucleus. Cytoplasm.

Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue labeling IKZF3 using ab199111 at a 1/60 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IKZF3 antibody (ab199111)



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue labeling IKZF3 using ab199111 at a 1/60 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IKZF3 antibody (ab199111)

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

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- 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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