abcam

Product datasheet

Anti-IKZF3 antibody ab134288

1 Image

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:** Chimpanzee, Monkey
Immunogen	Synthetic peptide, corresponding to a region within the amino acids 350-400 (EMSNGAPQELEKKSIHLPEKSVPSERGLSPNNSGHDSTD TDSNHEERQNH I) of Human IKZF3. Run BLAST with Run BLAST with
Positive control	Human tonsil tissue
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Store undiluted.
Storage buffer	Preservative: 0.05% Sodium azide Constituents: 99% PBS, 0.05% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab134288 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		Use a concentration of 10 µg/ml.

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.

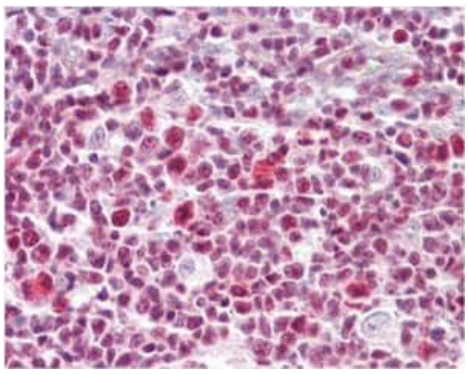
Tissue specificity Expressed most strongly in peripheral blood leukocytes, the spleen, and the thymus.

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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IKZF3 antibody (ab134288)

Immunohistochemical analysis of paraffin embedded Human tonsil tissue labelled with ab134288 at 10 µg/ml, followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.

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