

### Anti-IKZF3 antibody ab88513

[3 Images](#)

#### Overview

<b>Product name</b>	Anti-IKZF3 antibody
<b>Description</b>	Mouse polyclonal to IKZF3
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein within Human IKZF3. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <a href="#">contact</a> our Scientific Support team to discuss your requirements.
<b>Positive control</b>	WB: Jurkat cell lysate, IK2F3 transfected 293T cell lysate IHC-P: Human tonsil tissue
<b>General notes</b>	<p>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.</p> <p>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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.40 Constituent: 100% PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab88513 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 µg/ml. Predicted molecular weight: 58 kDa.
IHC-P		Use a concentration of 3 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.

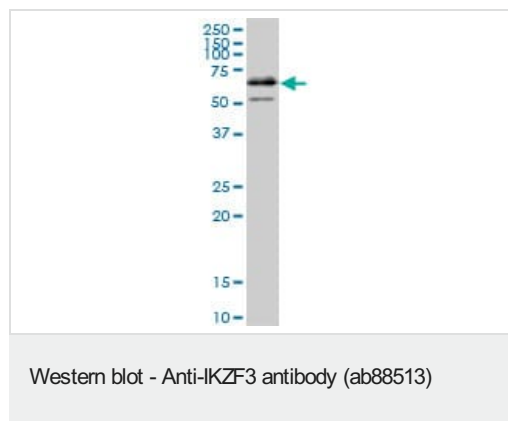
### Post-translational modifications

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

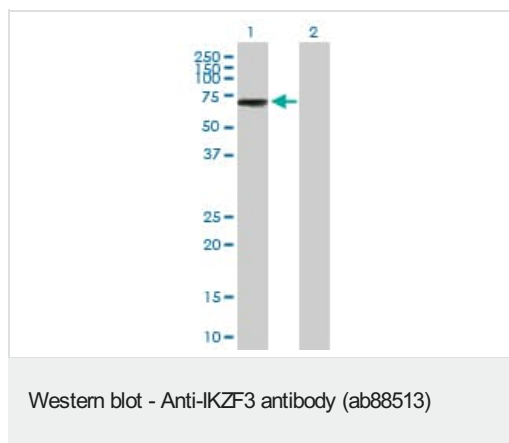


Anti-IKZF3 antibody (ab88513) at 1 µg/ml + Jurkat cell lysate at 50 µg

**Predicted band size:** 58 kDa

**Observed band size:** 58 kDa

**Additional bands at:** 51 kDa. We are unsure as to the identity of these extra bands.



**All lanes :** Anti-IKZF3 antibody (ab88513) at 1 µg/ml

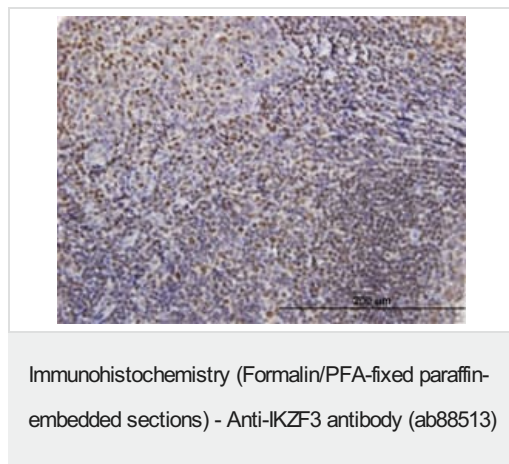
**Lane 1 :** IKZF3 transfected 293T cell lysate

**Lane 2 :** Non transfected 293T cell lysate

Lysates/proteins at 50 µg per lane.

**Predicted band size:** 58 kDa

**Observed band size:** 58 kDa



ab88513, at 3 µg/ml, staining IKZF3 in formalin fixed, paraffin embedded human tonsil tissue by Immunoperoxidase/Immunohistochemistry.

**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