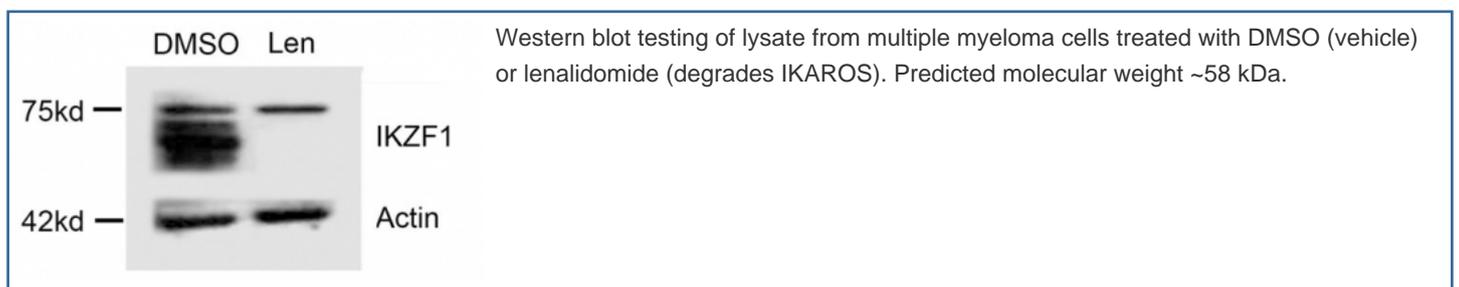


## IKAROS Antibody / IKZF1 (F54538)

Catalog No.	Formulation	Size
F54538-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54538-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

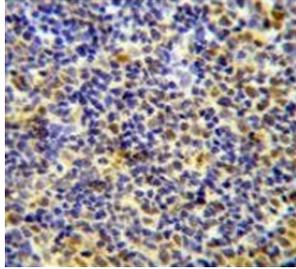
[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	Q13422
<b>Localization</b>	Cytoplasmic, nuclear
<b>Applications</b>	Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25
<b>Limitations</b>	This IKAROS antibody is available for research use only.

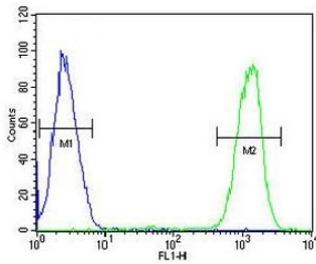


kDa  
95  
72  
55  
36  
28

Western blot testing of human CEM cell lysate with IKAROS antibody. Predicted molecular weight ~58 kDa.



IHC testing of FFPE human tonsil tissue with IKAROS antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human CEM cells with IKAROS antibody; Blue=isotype control, Green= IKAROS antibody.

## Description

Plays a role in the development of lymphocytes, B- and T-cells. Binds and activates the enhancer (delta-A element) of the CD3-delta gene. Repressor of the TDT (fikzfterminal deoxynucleotidyltransferase) gene during thymocyte differentiation. Regulates transcription through association with both HDAC-dependent and HDAC-independent complexes. Targets the 2 chromatin-remodeling complexes, NuRD and BAF (SWI/SNF), in a single complex (PYR complex), to the beta-globin locus in adult erythrocytes. Increases normal apoptosis in adult erythroid cells. Confers early temporal competence to retinal progenitor cells (RPCs) (By similarity). [UniProt]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the IKAROS antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 415-444 from the human protein was used as the immunogen for the IKAROS antibody.

## Storage

Aliquot the IKAROS antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

