

## Product datasheet for **AP52180PU-N**

### Ikaros (IKZF1) (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	This antibody is suitable for flow cytometry, immunohistochemistry on paraffin sections and Western blotting. The suggested dilution is: <b>Flow cytometry:</b> 1/10-1/50. <b>Immunohistochemistry on paraffin sections:</b> 1/50-1/100. <b>Western blotting:</b> 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 422-452aa) of human IKZF1.
Specificity:	This antibody detects human IKZF1 at c-term.
Formulation:	PBS with 0.09% (W/V) Sodium Azide. State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Purified through a protein A column; followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	IKAROS family zinc finger 1
Database Link:	<a href="#">Entrez Gene 10320 Human Q13422</a>



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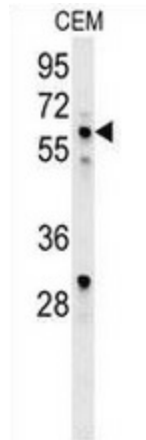
**Background:** Ikaros functions in the specification and the maturation of the T lymphocyte. It also interacts with a critical control element in the terminal deoxynucleotidyltransferase promoter as well as with the promoters for other genes expressed during early stages of B and T cell development.

**Synonyms:** IK1, LYF-1, LYF1, ZNFN1A1

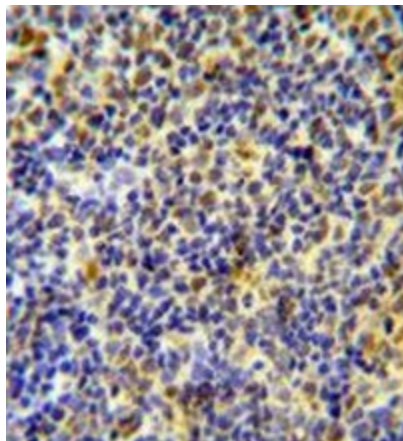
**Note:** **Molecular Weight:** 57528 Da

**Protein Families:** Druggable Genome, Transcription Factors

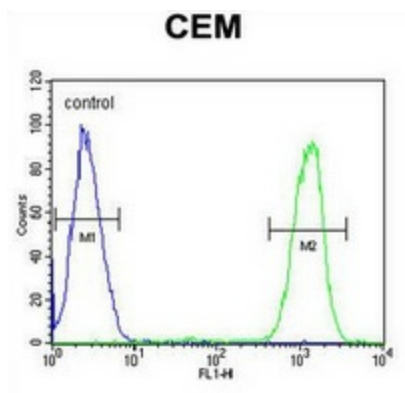
### Product images:



Western blot analysis in CEM cell line lysates (35ug/lane) using IKZF1/IKAROS antibody. (C-term). This demonstrates the IKZF1 antibody detected the IKZF1 protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue using IKZF1/IKAROS antibody. (C-term), followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IKZF1 antibody for IHC. Clinical relevance has not been evaluated.



Flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram) using IKZF1/IKAROS antibody. (C-term), followed by FITC-conjugated goat-anti-rabbit secondary antibodies.