

## Ikaros Rabbit mAb

Catalog No: #49807

Package Size: #49807-1 50ul #49807-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

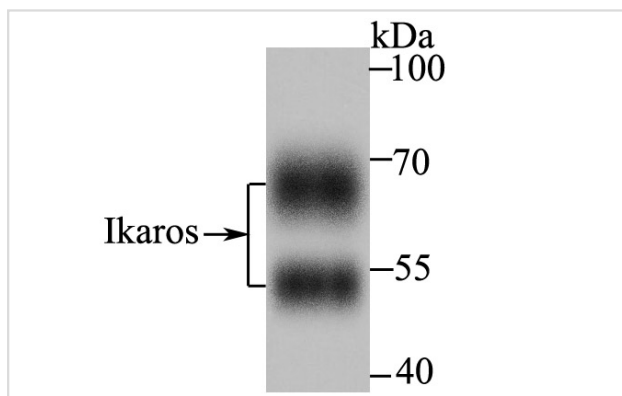
## Description

Product Name	Ikaros Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JB50-38
Purification	ProA affinity purified
Applications	WB,IHC,FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	CLL associated antigen KW 6 antibody DNA-binding protein Ikaros antibody hlk 1 antibody Hs.54452 antibody IK1 antibody Ikaros (zinc finger protein) antibody IKAROS antibody IKAROS family zinc finger 1 (Ikaros) antibody Ikaros family zinc finger protein 1 antibody Ikzf1 antibody IKZF1_HUMAN antibody LYF1 antibody Lymphoid transcription factor LyF-1 antibody PRO0758 antibody Zinc finger protein subfamily 1A 1 (Ikaros) antibody Zinc finger protein subfamily 1A 1 antibody Zinc finger protein, subfamily 1A, member 1 antibody ZNFN1A1 antibody
Accession No.	Swiss-Prot#:Q13422
Uniprot	Q13422
GeneID	10320;
Calculated MW	57/48 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

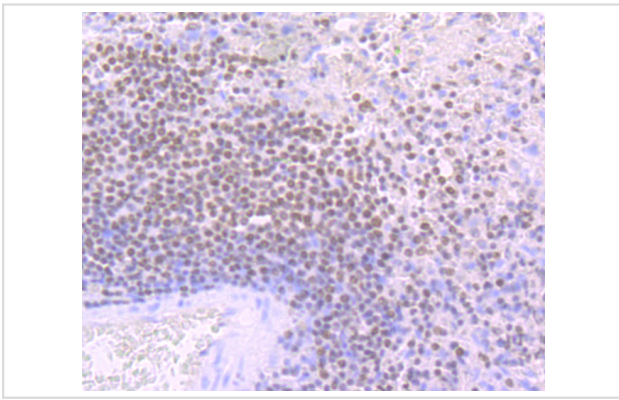
## Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 FC: 1:50-1:100

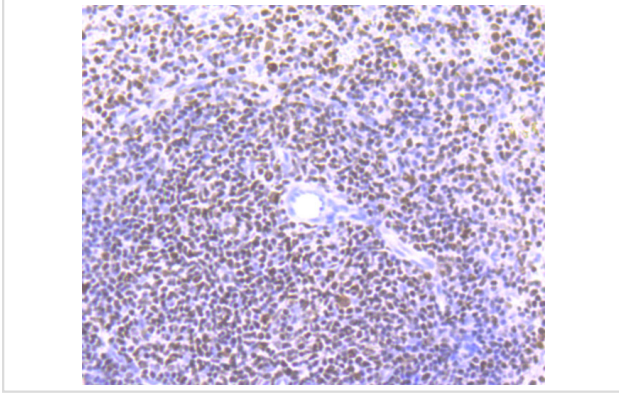
## Images



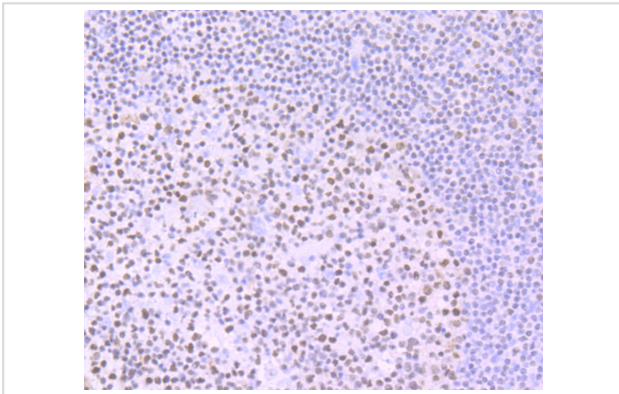
Western blot analysis of Ikaros on human thymus tissue lysate using anti-Ikaros antibody at 1/1,000 dilution.



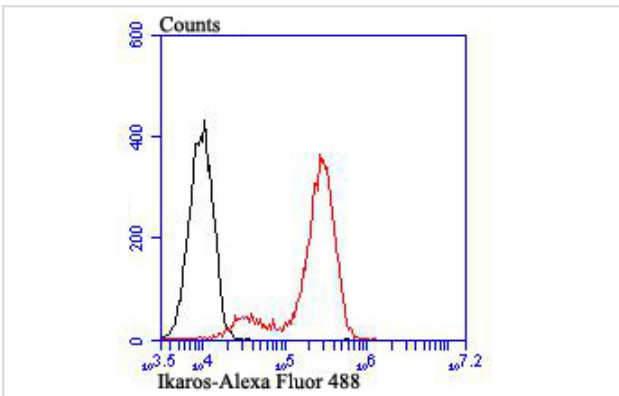
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-Ikaros antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-Ikaros antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Ikaros antibody. Counter stained with hematoxylin.



Flow cytometric analysis of Daudi cells with Ikaros antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

## Background

Ikaros family members, including Ikaros and Helios, are nuclear factors that colocalize with DNA replication machinery components in higher-order chromatin structures and respond to signaling events, such as T cell activation. Helios and Ikaros bind to similar DNA sequences, and they function as hemopoietic-specific transcription factors. Members of the Ikaros family contain zinc-finger domains that are involved in DNA-binding and in the formation of homodimers and heterodimers between Ikaros family members. Expression of Ikaros is primarily detected in the thymus and spleen, where it is essential for regulating T cell specific gene transcription and for the differentiation and commitment of early hemopoietic progenitors to the B and T lymphoid lineages. Similarly, Helios expression is detected primarily in T cells and in the earliest embryonic hemopoietic precursors and in adult stem cells. Ikaros and Helios also appear to regulate cell cycle entry by inducing transcriptional repression under varying conditions and, thereby,

mediate T cell activation and IL-2 mediated signaling events.

## References

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Note: This product is for in vitro research use only