

Rabbit anti-Human Ikaros Monoclonal Antibody | anti-IKAROS antibody

Ikaros Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312617	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Ikaros; Monoclonal Antibody; Ikaros Antibody; 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; anti-IKAROS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JB50-38
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-IKAROS antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



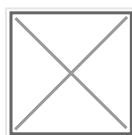
FCM/FACS (Flow Cytometry)

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.



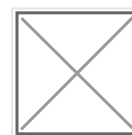
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-IKAROS antibody	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.
Product Categories/Family for anti-IKAROS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	3913926
NCBI GeneID	10320
UniProt Accession #	Q13422; O00598; Q53XL2; Q69BM4; Q8WVA3; A4D260; B4E0Z1; D3DVM5
Molecular Weight	519
NCBI Official Full Name	DNA-binding protein Ikaros
NCBI Official Synonym Full Names	IKAROS family zinc finger 1 (Ikaros)
NCBI Official Symbol	IKZF1
NCBI Official Synonym Symbols	IK1; LYF1; LyF-1; IKAROS; PPP1R92; PRO0758; ZNFN1A1; Hs.54452
NCBI Protein Information	DNA-binding protein Ikaros; CLL-associated antigen KW-6; ikaros family zinc finger protein 1; lymphoid transcription factor LyF-1; protein phosphatase 1, regulatory subunit 92; zinc finger protein, subfamily 1A, 1 (Ikaros)
UniProt Protein Name	DNA-binding protein Ikaros
UniProt Gene Name	IKZF1
UniProt Synonym Gene Names	IK1; IKAROS; LYF1; ZNFN1A1
UniProt Entry Name	IKZF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ikaros-antibody-clone-jb50-38-flow-cytometry-immunohistochemistry-western-blot-elisa/312617>