

Datasheet for ABIN2967181
anti-IKZF1 antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	IKZF1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IKZF1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-Ikaros Purified
Immunogen:	Recombinant human Ikaros (C-terminal part)
Clone:	4E9
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody 4E9 recognizes Ikaros, a transcription factor (intracellular antigen) expressed broadly in hematopoietic progenitors and serving as a key regulator of lymphopoiesis.
Cross-Reactivity (Details):	Human, Mouse
Purification:	Purified by protein-A affinity chromatography.

Product Details

Purity: > 95 % (by SDS-PAGE)

Target Details

Target: IKZF1

Alternative Name: Ikaros ([IKZF1 Products](#))

Background: IKAROS family zinc finger 1, Ikaros, also known as IKZF1 (Ikaros family zinc finger protein 1) is a hematopoietic-specific transcription factor involved in the regulation of lymphocyte development, together with other members of this family, such as Aiolos and Helios. Ikaros forms homo- and heterodimers with these proteins and functions predominantly in early hematopoietic development. Expression of Ikaros, Aiolos and Helios is restricted to cells of the hematopoietic system, whereas other family members, Eos and Pegassus, are more widely expressed. Disruption of Ikaros leads to T and B cell leukemias., IKZF1, IK1, LYF1, LyF-1, IKAROS, PPP1R92, PR00758, ZNFN1A1, Hs.54452, IKAROS family zinc finger 1, Lymphoid transcription factor LyF-1

Gene ID: 10320

UniProt: [Q13422](#)

Pathways: [Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: Flow cytometry: Recommended dilution: 1-4 µg/mL. Intracellular staining.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store at 2-8°C. Do not freeze.