

Datasheet for ABIN2666390

anti-IKZF1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	IKZF1
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS)

Product Details

Clone:	2A9-Ikaros
Isotype:	IgG1 kappa, IgG
No Cross-Reactivity:	Mouse (Murine)

Target Details

Target:	IKZF1
Alternative Name:	Ikaros (IKZF1 Products)
Background:	Ikaros family members, including Ikaros and Helios, play a role in the development of lymphocytes and B and T cells. They 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

Target Details

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. 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.

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: phosphate-buffered solution, pH 7.2, containing 0.05 % sodium azide.

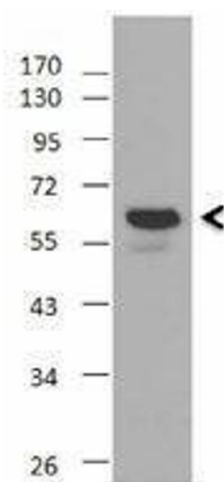
Preservative: Sodium azide

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: Upon receipt, store undiluted between 2°C and 8°C.

Images



Western Blotting

Image 1.