

Datasheet for ABIN2657210

anti-IKZF1 antibody (Alexa Fluor 647)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	IKZF1
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IKZF1 antibody is conjugated to Alexa Fluor 647
Application:	Flow Cytometry (FACS)

Product Details

Clone:	2A9-Ikaros
Isotype:	IgG1 kappa, IgG
No Cross-Reactivity:	Mouse (Murine)
Purification:	The antibody was purified by affinity chromatography and conjugated with Alexa Fluor® 647 under optimal conditions.

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,

Target Details

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. 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 0.09 % sodium azide.

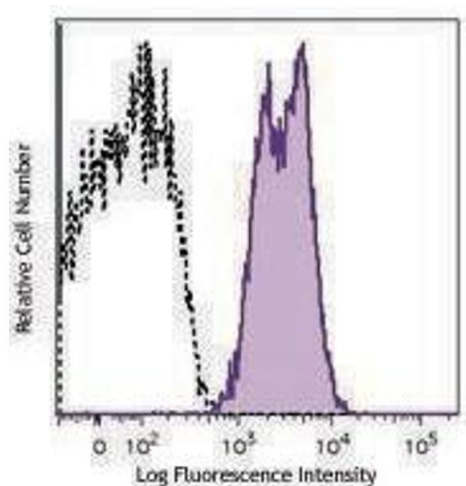
Preservative: Sodium azide

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

Handling Advice: Protect from prolonged exposure to light. Do not freeze.

Storage: 4 °C

Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C



Flow Cytometry

Image 1.