



[Go to Product page](#)

Datasheet for ABIN2657113

anti-IKZF3 antibody (Alexa Fluor 647)

2 Images

Overview

Quantity:	100 µg
Target:	IKZF3
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IKZF3 antibody is conjugated to Alexa Fluor 647
Application:	Flow Cytometry (FACS)

Product Details

Clone:	8B2
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:	IKZF3
Alternative Name:	Aiolos (IKZF3 Products)
Background:	Aiolos, an Ikaros family member, is also known as Izkf3. It has a molecular weight of 58 kD and shows 70 % homology to the Ikaros isoform, Ik-1, particularly in the DNA binding and C-terminal domains. Aiolos can form a heteromer with Ikaros or exist as a homodimer. The homomeric

Target Details

complex is a potent transcriptional activator. Unlike Ikaros, Aiolos is expressed in late fetal thymus and adult lymphoid organs. Among the adult hematopoietic progenitors, Aiolos is expressed at low levels in multipotent but not in pluripotent stem cells. When these multipotent progenitors become more restricted to T and B lymphoid pathways there is an upregulation in Aiolos expression. The highest expression of Aiolos is detected in the spleen (especially in B-cells) followed by thymus and bone marrow, and cannot be detected in the non-lymphoid organs. Aiolos plays an important role in lymphocyte proliferation and differentiation.

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.

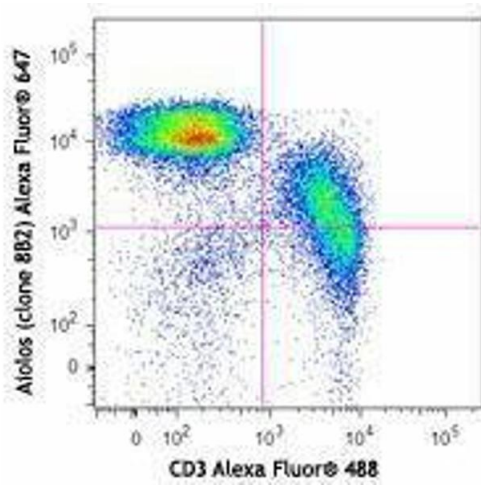
Preservative: Sodium azide

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.

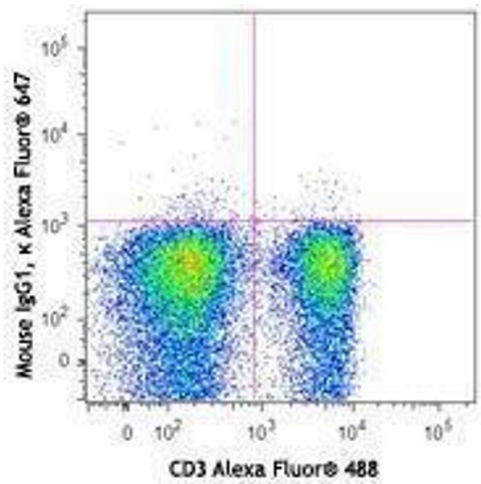
Storage: 4 °C

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



Flow Cytometry

Image 1.



Flow Cytometry

Image 2.