

Datasheet for ABIN7193822
anti-IKZF1 antibody (AA 401-520)



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Overview

Quantity:	100 µL
Target:	IKZF1
Binding Specificity:	AA 401-520
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IKZF1 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	IKZF1 Antibody
Immunogen:	Purified recombinant fragment of human IKZF1 (AA: 401-520) expressed in E. Coli.
Clone:	1C1B6
Isotype:	IgG2b
Purification:	Purified antibody

Target Details

Target:	IKZF1
Alternative Name:	IKZF1 (IKZF1 Products)
Background:	This gene encodes a transcription factor that belongs to the family of zinc-finger DNA-binding

Target Details

proteins associated with chromatin remodeling. The expression of this protein is restricted to the fetal and adult hemo-lymphopoietic system, and it functions as a regulator of lymphocyte differentiation. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. Most isoforms share a common C-terminal domain, which contains two zinc finger motifs that are required for hetero- or homo-dimerization, and for interactions with other proteins. The isoforms, however, differ in the number of N-terminal zinc finger motifs that bind DNA and in nuclear localization signal presence, resulting in members with and without DNA-binding properties. Only a few isoforms contain the requisite three or more N-terminal zinc motifs that confer high affinity binding to a specific core DNA sequence element in the promoters of target genes. The non-DNA-binding isoforms are largely found in the cytoplasm, and are thought to function as dominant-negative factors. Overexpression of some dominant-negative isoforms have been associated with B-cell malignancies, such as acute lymphoblastic leukemia (ALL).

Molecular Weight:	57.5 kDa
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UniProt:	Q13422
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Pathways:	Production of Molecular Mediator of Immune Response
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Application Details

Application Notes:	ELISA: 1/10000 FCM: 1/200 - 1/400 ICC: 1/200 - 1/1000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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