

Datasheet for ABIN571070
anti-IKZF1 antibody (Internal Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	IKZF1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IKZF1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	IKAROS / IKZF1
Immunogen:	Peptide with sequence C-DTPYDSSASYEKEN, from the internal region of the protein sequence according to NP_006051.1.
Sequence:	DTPYDSSASY EKEN
Isotype:	IgG
Specificity:	This antibody is expected to recognise all isoforms NP_001278766.1, NP_001278767.1, NP_001207696.1, NP_001207697.1, NP_001278768.1, NP_001207699.1, NP_001207700.1
Cross-Reactivity:	Cow, Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

Product Details

chromatography using the immunizing peptide.

Grade: Verified

Target Details

Target: IKZF1

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

Background: IKZF1, IKAROS family zinc finger 1 (Ikaros), Hs.54452, IK1, IKAROS, LYF1, PRO0758, ZNFN1A1, hIk-1, CLL-associated antigen KW-6, Ikaros (zinc finger protein), zinc finger protein, subfamily 1A, 1 (Ikaros), lymphoid transcription factor LyF-1

Gene ID: 10320

NCBI Accession: [NP_006051](#)

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

Application Details

Application Notes: Immunohistochemistry: In paraffin embedded Human Tonsil shows textured staining in some nuclei of the lymphoid tissue. Recommended concentration: 2.5-3.8 µg/mL.

Western Blot: Preliminary testing showed a band at approx. 60 kDa in Human Lymph node and Peripheral Blood Monocyte lysate, after 1 µg/mL antibody staining (calculated MW of 57.5 kDa according to NP_006051.1). Primary incubation 1 hour at room temperature.

Peptide ELISA: antibody detection limit dilution 1:1000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

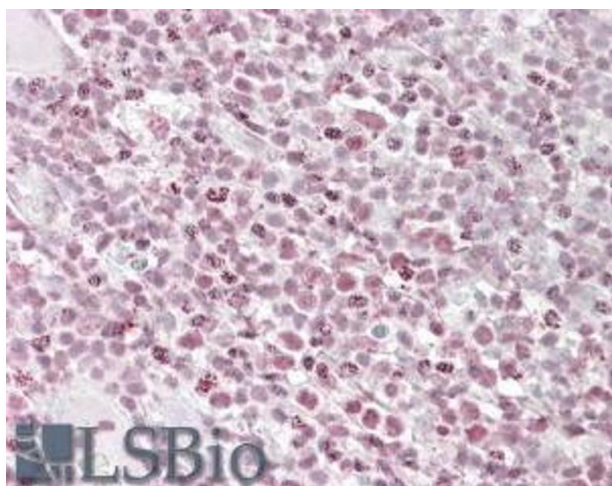
Preservative: Sodium azide

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

Handling

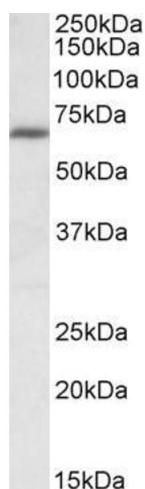
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Immunohistochemistry

Image 1. ABIN571070 (3.8µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN571070 (1µg/ml) staining of MOLT4 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.