

Datasheet for ABIN570827
anti-IKZF4 antibody (Internal Region)

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IKZF4
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IKZF4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	IKZF4
Immunogen:	Peptide with sequence C-RPTFIDRLANSLTKR, from the internal region of the protein sequence according to NP_071910.3.
Sequence:	RPTFIDRLAN SLTKR
Isotype:	IgG
Specificity:	This antibody is expected to recognise reported isoforms NP_071910.3, NP_001338019.1, NP_001338020.1, NP_001338021.1
Cross-Reactivity:	Cow, Dog, Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target:	IKZF4
Alternative Name:	IKZF4 (IKZF4 Products)
Background:	IKZF4, IKAROS family zinc finger 4 (Eos), EOS, KIAA1782, ZNFN1A4, zinc finger protein, subfamily 1A, 4, zinc finger protein, subfamily 1A, 4 (Eos), zinc finger transcription factor Eos
Gene ID:	64375, 22781
NCBI Accession:	NP_071910

Application Details

Application Notes:	Western Blot: Approx 60 kDa band observed in nuclear lysates of cell line Jurkat, approx.. 60+70 kDa in nuclear lysates of cell line K562, and approx. 55 kDa in Mouse Heart lysates (calculated MW of 64.1 kDa according to Human NP_071910.3, 59.1 kDa Human NP_0 Peptide ELISA: antibody detection limit dilution 1:2000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the nuclei of U2OS and HeLa cells. Recommended concentration: (5)µg/ml. Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration: 1
Restrictions:	For Research Use only

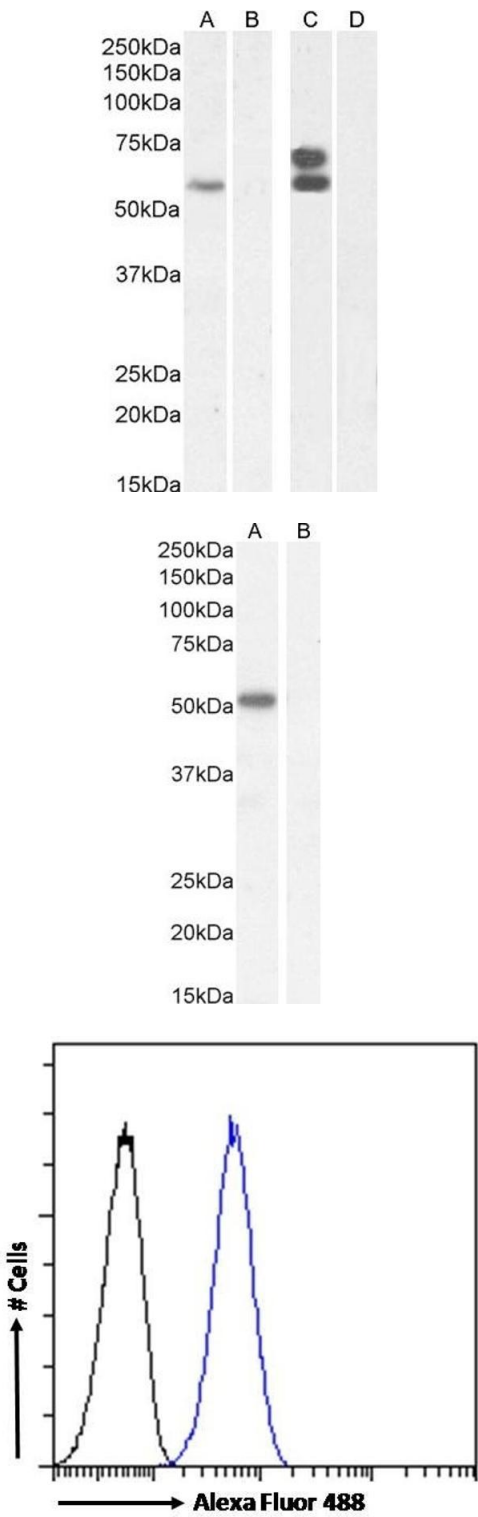
Handling

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 Advice:	Minimize freezing and thawing.
Storage:	-20 °C

Handling

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



Western Blotting

Image 1. (ABIN570827) (2 µg/mL) staining of Jurkat nuclear lysate (A) + Peptide (B), and (0.1 µg/mL) staining of K562 nuclear lysate (C) + Peptide (D), (35 µg protein in RIPA buffer). Detected by chemiluminescence.

Western Blotting

Image 2. (ABIN570827) (1 µg/mL) staining of Mouse Heart lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.

Flow Cytometry

Image 3. (ABIN570827) Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) fol

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN570827.