

Datasheet for ABIN190786
anti-ILF2 antibody (Internal Region)

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Overview

Quantity:	100 µg
Target:	ILF2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ILF2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	ILF2 / NF45
Immunogen:	Peptide with sequence C-EKAYEKPPEKKEG, from the internal region (near the C Terminus) of the protein sequence according to NP_004506.2.
Sequence:	EKAYEKPPEK KEG
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_004506.2, NP_001254738.1).
Cross-Reactivity:	Dog, Human, Mouse, Rat
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: ILF2

Alternative Name: ILF2 ([ILF2 Products](#))

Background: ILF2, NF45, interleukin enhancer binding factor 2, 45 kDa , MGC8391, PRO3063 , interleukin enhancer binding factor 2, nuclear factor of activated T-cells, 45- kDa

Gene ID: 3608, 67781, 310612

NCBI Accession: [NP_004506](#), [NP_001254738](#)

Application Details

Application Notes: Western Blot: Approx 43 kDa band observed in Human Tonsil and Thymus lysates (calculated MW of 43.1 kDa according to NP_004506.2). Recommended concentration: 0.03-0.1 µg/mL.
This antibody has been successfully used in WB in the following papers: Ye J et al
Peptide ELISA: antibody detection limit dilution 1:4000.

Comment: **Immunoprecipitation:** This antibody was confirmed by a customer in a special IP procedure called PAR-CLIP (see for method PMID: 20644507). **This data is from a previous batch, not on sale.**

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

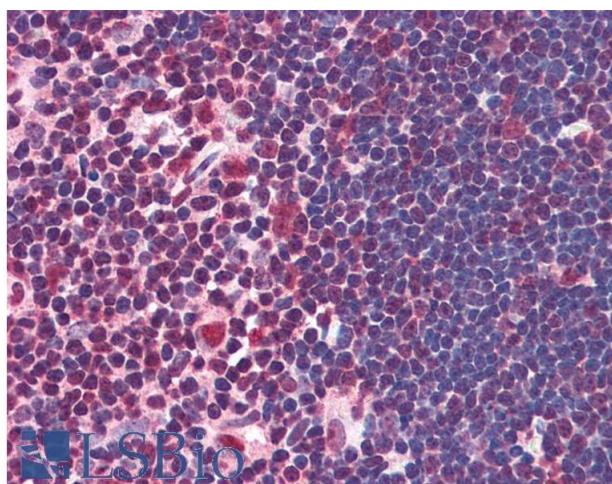
Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in: Shamanna, Hoque, Peery, Mathews: "Induction of p53, p21 and apoptosis by silencing the NF90/NF45 complex in human papilloma virus-transformed cervical carcinoma cells." in: **Oncogene**, Vol. 32, Issue 43, pp. 5176-85, (2013) ([PubMed](#)).

Shamanna, Hoque, Lewis-Antes, Azzam, Lagunoff, Peery, Mathews: "The NF90/NF45 complex participates in DNA break repair via nonhomologous end joining." in: **Molecular and cellular biology**, Vol. 31, Issue 23, pp. 4832-43, (2011) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. ABIN190786 (2.5µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data is from a previous batch, not on sale.



Western Blotting

Image 2. ABIN190786 (0.03µg/ml) staining of Human Tonsil lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

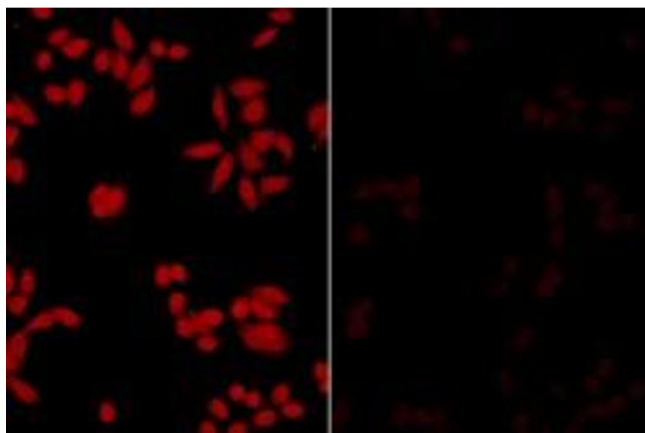


Image 3. ABIN190786 (2.5µg/ml) staining of parental and stable knock-down cell line (fixed by 4% formaldehyde, permeabilized by Triton X100). Primary incubation was 1.5 hour. Detected by fluorescence.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN190786.