



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07784 - Goat Anti-ILF2 / NF45 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** ILF2

**Accession Number(s):** NP\_004506.2; NP\_001254738.1

**Human GeneID(s):** [3608](#)

**Non-Human GeneID(s):** 67781 (mouse), 310612 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_004506.2; NP\_001254738.1).

### Immunogen

Peptide with sequence C-EKAYEKPEKKEG, from the internal region (near the C Terminus) of the protein sequence according to NP\_004506.2; NP\_001254738.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:4000.

**Western blot:** Approx 43kDa band observed in Human Tonsil and Thymus lysates (calculated MW of 43.1kDa according to NP\_004506.2). Recommended concentration: 0.03-0.1µg/ml. This antibody has been successfully used in WB in the following papers: Ye J et al, RNA. 2017 Aug;23(8):1270-1284. PMID: 28487382. And Shamanna RA et al, Oncogene. 2013 Oct 24;32(43):5176-85 PMID: 23208500.

**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.**

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog

### Specific References

**This antibody has been successfully used in WB and IP on ESCs:**

Ye J, Jin H, Pankov A, Song J, Billech R.

NF45 and NF90/NF110 coordinately regulate ESC pluripotency and differentiation RNA. 2017 Aug;23(8):1270-1284.

PMID: 28487382

**This antibody has been successfully used in WB on Human:**

Shamanna RA, Hoque M, Pe'ery T, Mathews MB.

Induction of p53, p21 and apoptosis by silencing the NF90/NF45 complex in human papilloma virus-transformed cervical carcinoma cells.

Oncogene. 2013 Oct 24;32(43):5176-85

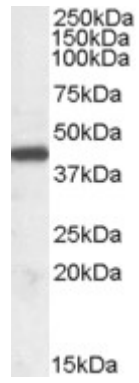
PMID: 23208500

**This antibody (previous batch) has been successfully used in WB and IP on HeLa cells:**

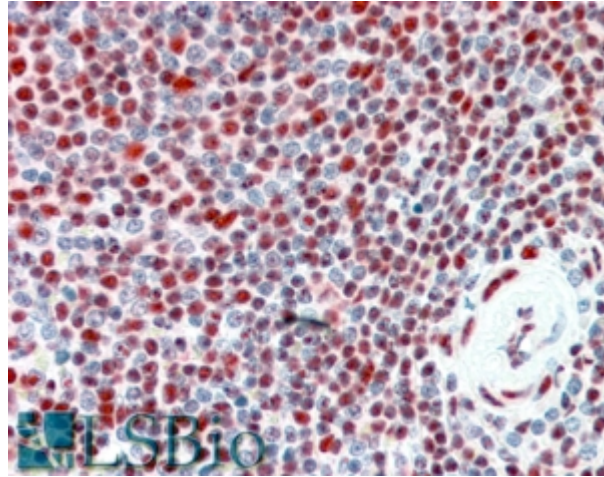
Shamanna RA, Hoque M, Lewis-Antes A, Azzam EI, Lagunoff D, Pe'ery T, Mathews MB. The NF90/NF45 complex participates in DNA break repair via nonhomologous end joining.

Mol Cell Biol. 2011 Dec;31(23):4832-43.

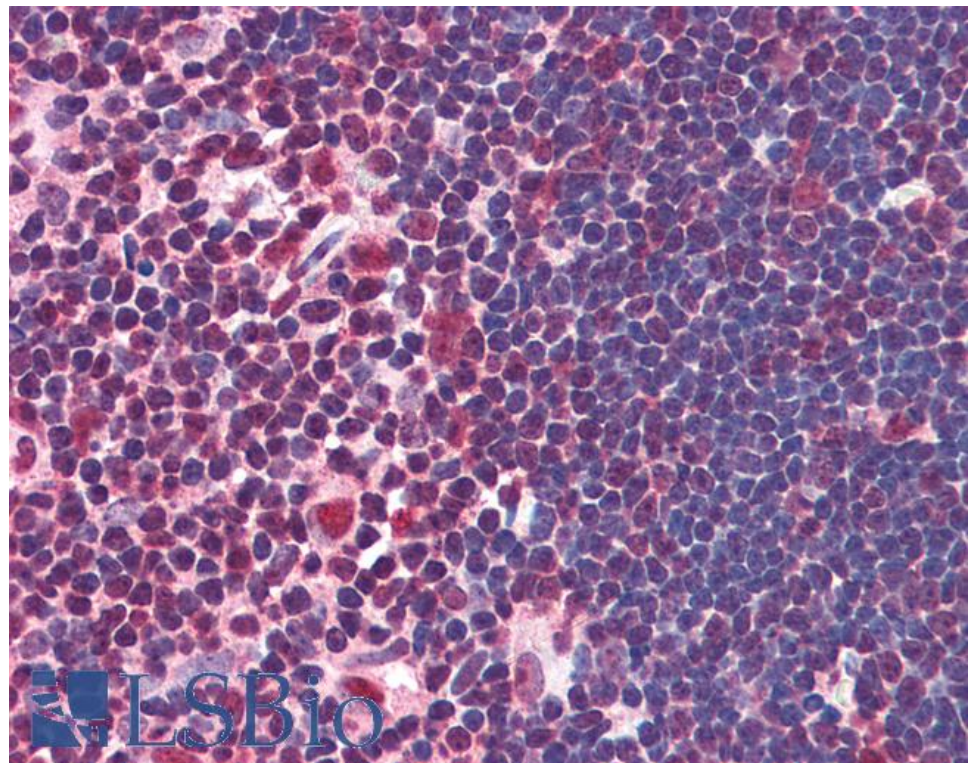
PMID: 21969602



EB07784 (0.03µg/ml) staining of Human Tonsil lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB07784 (2.5µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**



EB07784 (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.**