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

## EB07784-B - Goat Anti-ILF2 / NF45, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ILF2, interleukin enhancer binding factor 2, NF45, PRO3063, interleukin enhancer binding factor 2, 45kDa, 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-EKAYEKPPEKKEG., 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

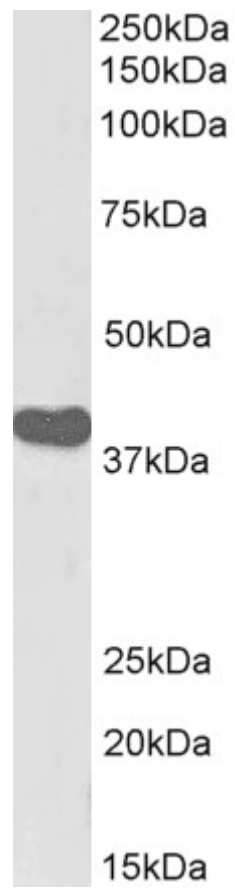
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Approx 43kDa band observed in Human Tonsil lysates (calculated MW of 43.1kDa according to NP\_004506.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

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



Biotinylated EB07784 (0.1µg/ml) staining of Human Tonsil lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.