

#### **UK Office**

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# EB07196 - Goat Anti-LEF1 Antibody

Size: 100µg specific antibody in 200µl

# **C**

#### **Target Protein**

Principal Names: LEF1, lymphoid enhancer-binding factor 1, HGNC:6551, DKFZp586H0919, TCF1ALPHA, lymphoid enhancer binding factor-1 Official Symbol: LEF1 Accession Number(s): NP\_057353.1 Human GenelD(s): <u>51176</u> Non-Human GenelD(s): 16842 (mouse), 161452 (rat)

#### Immunogen

Peptide with sequence C-QHEQRKEQEPKRPH, from the internal region of the protein sequence according to NP\_057353.1.

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.

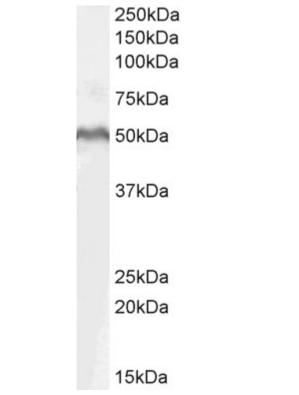
## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:32000.

**Western blot:** Approx 50kDa band observed in MOLT4 lysates (calculated MW of 44.2kDa according to NP\_057353.1). The observed molecular weight corresponds to earlier findings in literature (Yasumoto et al , EMBO J. 2002 Jun 3;21(11):2703-14.; PMID: 12032083). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

#### **Species Reactivity**

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



EB07196 (1 $\mu$ g/ml) staining of MOLT4 lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.