

## UK Office

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

## EB09869 - Goat Anti-LSP1 (aa261-275) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 47 kDa actin binding protein, 52 kDa phosphoprotein, F-actin binding and cytoskeleton associated protein, leufactin (leukocyte F-actin binding protein), leukocyte-specific protein 1, lymphocyte-specific ant, lymphocyte-specific protein 1, pp52, WP34, LSP1

**Official Symbol:** LSP1

**Accession Number(s):** NP\_002330.1; NP\_001013271.1

**Human GeneID(s):** [4046](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_002330.1; NP\_001013271.1). Reported variants represent identical protein: NP\_001013273.1, NP\_001013271.1, NP\_001013272.1

### Immunogen

Peptide with sequence C-ASTKSRWETGEVQAQ, from the internal region of the protein sequence according to NP\_002330.1; NP\_001013271.1.

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

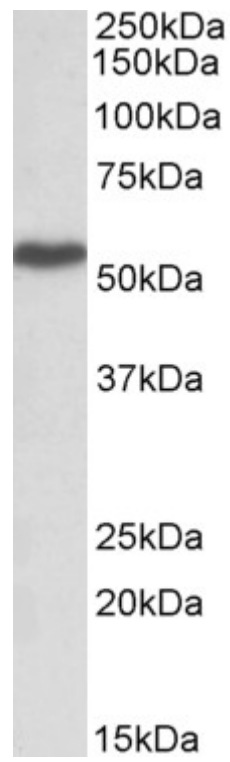
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Approx 55kDa band observed in Human Lymph Node, Tonsil and in Human Peripheral Blood Mononucleocytes lysates (calculated MW of 37.2kDa according to NP\_002330.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Liu et al, J Exp Med. 2005 Feb 7;201(3):409-18. PMID: 15684321). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Cow



EB09869 (1 $\mu$ g/ml) staining of Peripheral Blood Lymphocytes lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.