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Research Use Only. Not for diagnostic or therapeutic use.

EB09870 - Goat Anti-LSP1 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

Non-Human GenelD(s): 16331 (mouse), 54259 (rat)

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-RYKFVATGHGKYEKV, from the C Terminus 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

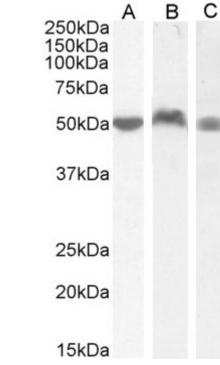
Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 50kDa band observed in Human Peripheral Blood Mononucleocytes, (PBMs) and Tonsil lysates and in lysates of cell line Daudi, and approx. 50-55kDa in Human Tonsil and Mouse Spleen lysates (calculated MW of 37.2kDa according to Human NP_002330.1 and 36.7kDa according to Mouse NP_001129543.1). These molecular weights are routinely observed by other sources Recommended concentration: 0.01-0.1μg/ml. Primary incubation 1 hour at room temperature. IHC: Paraffin embedded Colon, MALT. Recommended concentration: 3.75μg/ml.

Species Reactivity

Tested: Human, Mouse

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



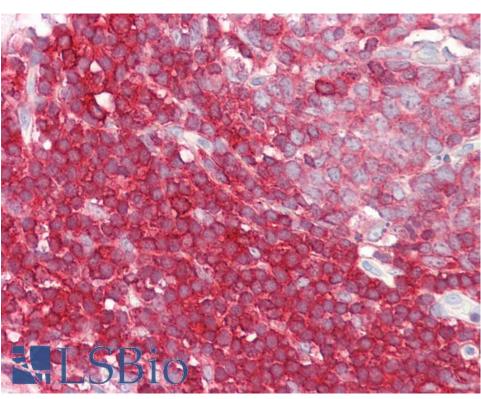
EB09870 (0.05μg/ml) staining of Human PBM (A), (0.03ug/ml) Lymph Node (B) and Tonsil (C) lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB09870 (0.03μg/ml) staining of Daudi cell ysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB09870 (0.01µg/ml) staining of Mouse Spleen lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB09870 (3.75 μ g/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.