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

EB12396 - Goat Anti-SERPINB1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SERPINB1, serpin peptidase inhibitor, clade B (ovalbumin), member 1, EI, ELANH2, LEI, M/NEI, MNEI, PI-2, PI2, leukocyte elastase inhibitor, peptidase inhibitor 2, protease inhibitor 2 (anti-elastase), monocyte/neutrophil derived, serine (or cysteine) prot

Official Symbol: SERPINB1

Accession Number(s): NP_109591.1

Human GeneID(s): [1992](#)

Immunogen

Peptide with sequence C-EVHSRFQSLNADINKR, from the internal region of the protein sequence according to NP_109591.1.

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 1:128000.

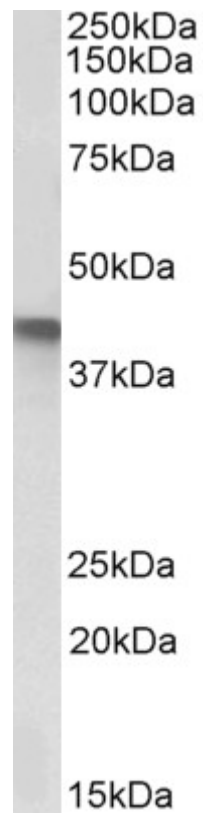
Western blot: Approx 43kDa band observed in lysates of cell line A549 (calculated MW of 42.7kDa according to NP_109591.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Spleen (neutrophils). Recommended concentration: 5µg/ml.

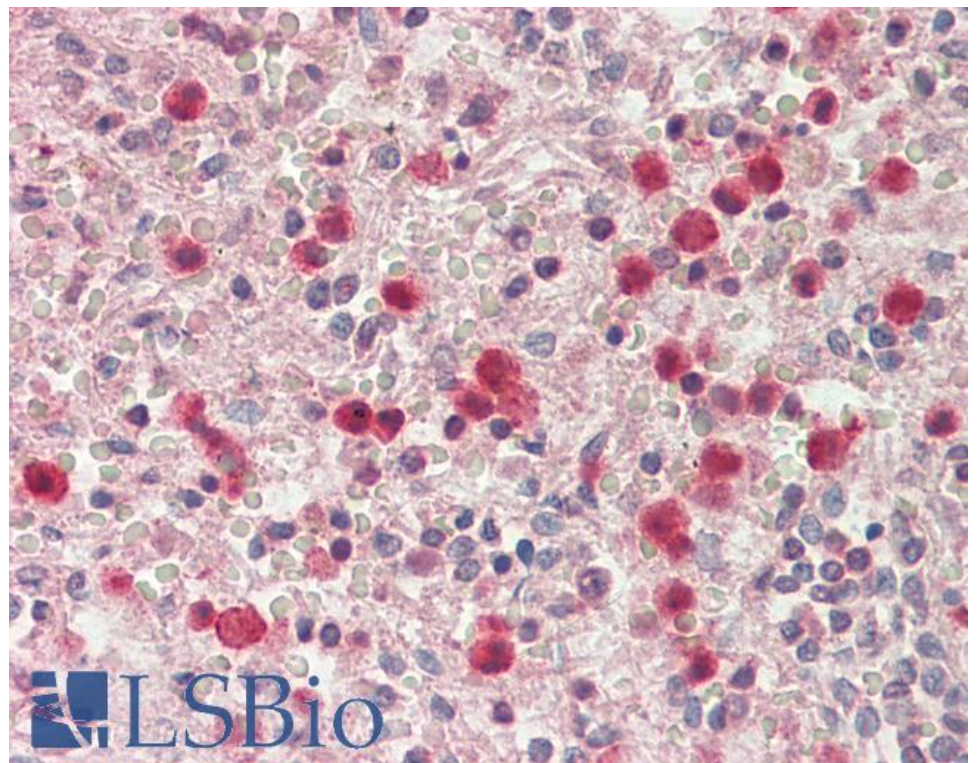
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12396 (1 μ g/ml) staining of A549 lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB12396 (5 μ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.