



## UK Office

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

## EB12397 - Goat Anti-SERPINB1 (aa130-143) 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-KTINQWVKGQTEGK, 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 1:64000.

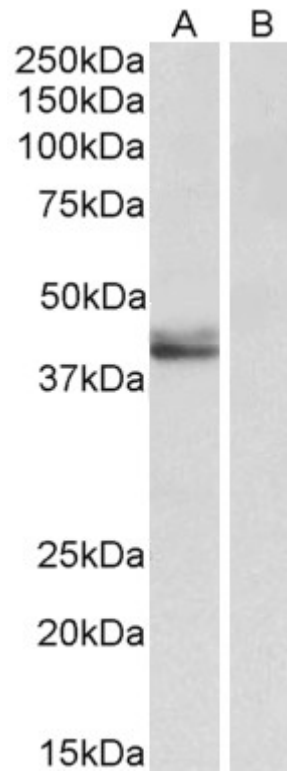
**Western blot:** Approx 42-45kDa bands observed in Human Placenta lysates (calculated MW of 42.7kDa according to NP\_109591.1). The fainter 45kDa band likely represents the acetylated form. Both bands are blocked by the immunizing peptide. Recommended concentration: 0.5-2µg/ml.

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

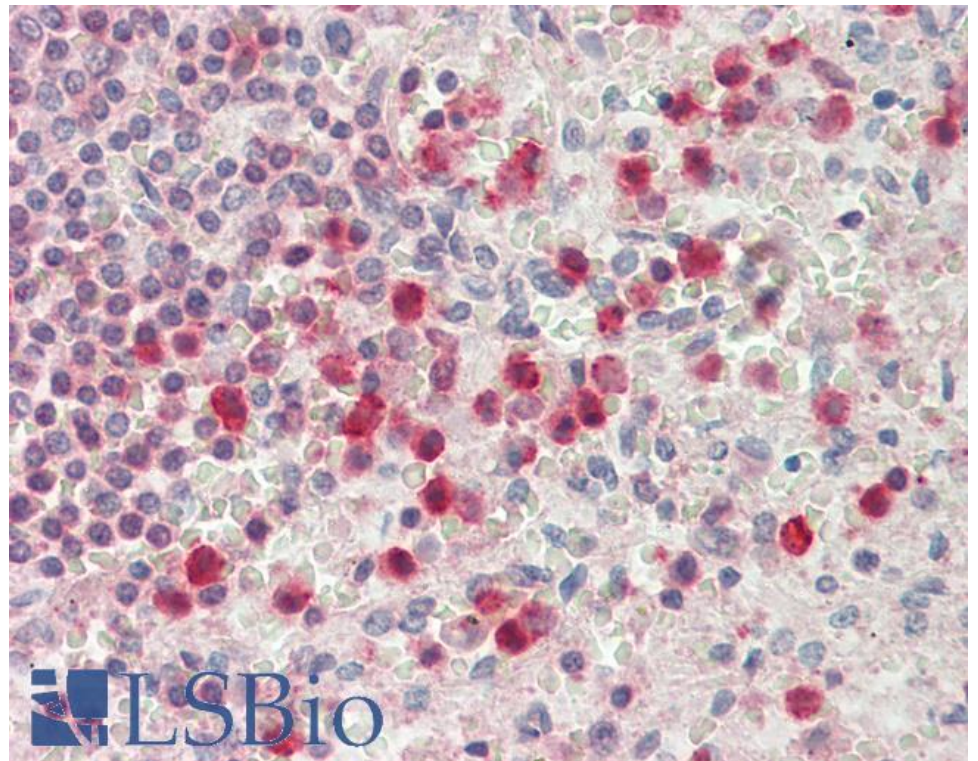
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12397 (0.5µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Primary incubation was 1 hour. Detected by chemiluminescence.



EB12397 (5µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.