



International Office

Everest Biotech Ltd

Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

**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.

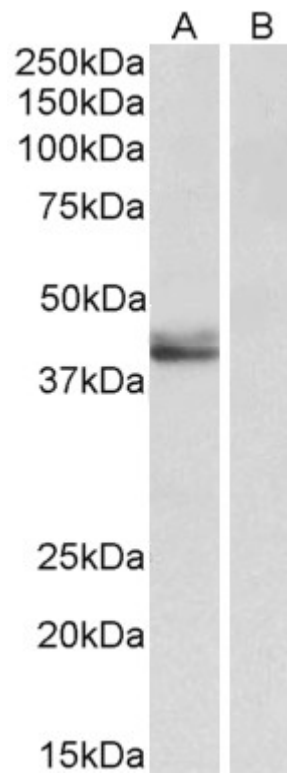
Western blot: Approx 42-45kDa bands observed in Human Placenta lysates (calculated MW of 42.7kDa according to NP_109591.1). The fainter 45kDa band likely represents the acetylated form. Both bands are blocked by the immunizing peptide. Recommended concentration: 0.5-2µg/ml.

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

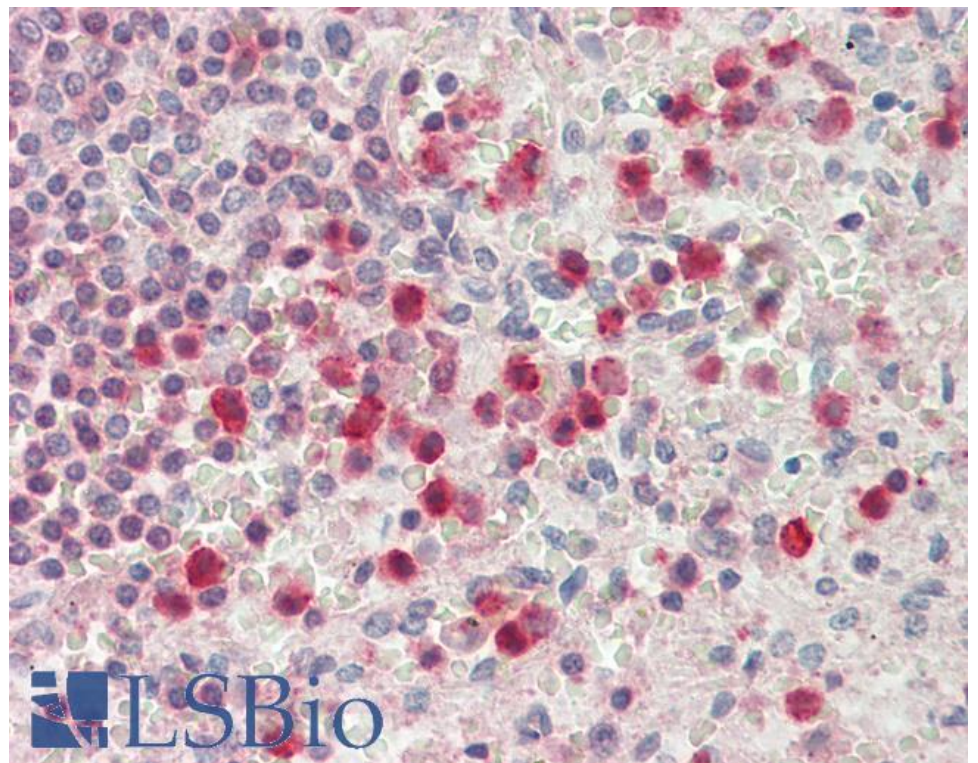
Species Reactivity

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.