

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.

EB12527 - Goat Anti-SP140 (aa29-41) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SP140, SP140 nuclear body protein, LYSP100, LYSP100-A, LYSP100-B, lymphoid-restricted homolog of Sp100, lymphoid-specific SP100 homolog, nuclear autoantigen Sp-140, nuclear body protein SP140, speckled 140 kDa

Official Symbol: SP140

Accession Number(s): NP_009168.4; NP_001005176.1; NP_001265380.1;

NP_001265381.1; NP_001265382.1

Human GeneID(s): 11262

Important Comments: This antibody is expected to recognize all reported isoforms

(NP_009168.4; NP_001005176.1; NP_001265380.1; NP_001265381.1;

NP_001265382.1).

Immunogen

Peptide with sequence EGQNLQEQVCPEP, from the N-Terminus of the protein sequence according to NP_009168.4; NP_001005176.1; NP_001265380.1; NP_001265381.1; NP_001265382.1.

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 140kDa band observed in Human Spleen lysates (calculated MW of 98.2kDa according to NP_009168.4). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB12527 ($2\mu g/ml$) staining of Human Spleen lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.