

International Office

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

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB09249 - Goat Anti-SPO11 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SPO11, SPO11 meiotic protein covalently bound to DSB homolog (S. cerevisiae), MGC39953, SPO11 meiotic protein covalently bound to DSB-like, SPO11, meiotic protein covalently bound to DSB (S. cerevisiae)-like, meiotic recombination protein SPO11

Official Symbol: SPO11 Accession Number(s): NP_036576.1; NP_937998.1

Human GeneID(s): 23626

Important Comments: This antibody is expected to recognize both reported isoforms (NP_036576.1; NP_937998.1)

Immunogen

Peptide with sequence C-NTYATKRDIYYTDSQ, from the internal region of the protein sequence according to NP_036576.1; NP_937998.1.

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.

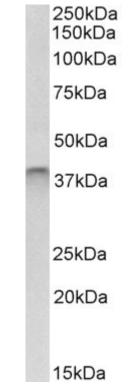
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000. **Western blot:** Approx 38kDa band observed in Human Testis lysates (calculated MW of 40.4kDa according to NP_937998.1). Recommended concentration: 1-3μg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Mouse



EB09249 (1µg/ml) staining of Human Testis lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.