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**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-NTYATKRDIIYTDSSQ, 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 (1 μ g/ml) staining of Human Testis lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.