



## UK Office

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