



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09068 - Goat Anti-Sp1(mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Sp1, trans-acting transcription factor 1, 1110003E12Rik, AA450830, A1845540, Sp1-1

**Official Symbol:** Sp1

**Accession Number(s):** NP\_038700.2

**Non-Human GeneID(s):** 20683 (mouse)

### Immunogen

Peptide with sequence C-DGIHDETAGGEGEN, from the internal region of the protein sequence according to NP\_038700.2.

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 1:8000.

**Western blot:** Approx 100kDa band observed in nuclear lysates of cell line NIH3T3 (calculated MW of 80.4kDa according to NP\_038700.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Mouse

**Expected from sequence similarity:** Mouse, Rat, Pig



EB09068 (0.3 $\mu$ g/ml) staining of NIH3T3 nuclear lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.