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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). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Mouse, Rat, Pig



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