



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB07208-B - Goat Anti-SOD1, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SOD1, superoxide dismutase 1, soluble, ALS, ALS1, HEL-S-44, IPOA, SOD, hSod1, Cu/Zn superoxide dismutase, SOD, soluble, epididymis secretory protein Li 44, indophenoloxidase A, superoxide dismutase, cystolic, HGNC:11179

**Official Symbol:** SOD1

**Accession Number(s):** NP\_000445.1

**Human GeneID(s):** [6647](#)

**Non-Human GeneID(s):** 20655 (mouse), 24786 (rat)

### Immunogen

Peptide with sequence C-SRKHGGPKDEERH., from the internal region of the protein sequence according to NP\_000445.1.

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 1:8000.

**Western blot:** Approx 20kDa band observed in lysates of cell line HEK293 (calculated MW of 15.9kDa according to NP\_000445.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

**Expected from sequence similarity:** Human

Biotinylated EB07208 (0.3µg/ml) staining of HEK293 lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.