



## UK Office

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

## EB12354 - Goat Anti-syndecan 1 / CD138 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SDC1, syndecan 1, CD138, SDC, SYND1, syndecan, CD138 antigen, heparan sulfate proteoglycan fibroblast growth factor receptor, syndecan proteoglycan 1, syndecan-1

**Official Symbol:** SDC1

**Accession Number(s):** NP\_002988.3

**Human GeneID(s):** [6382](#)

**Important Comments:** Reported variants represent identical protein: NP\_001006947.1, NP\_002988.3.

### Immunogen

Peptide with sequence C-REQEATPRPRETTQ, from the internal region of the protein sequence according to NP\_002988.3.

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 1:2000.

**Western blot:** Approx 37kDa band observed in preliminary testing of HepG2, cell lysate after 1µg/ml of antibody staining (calculated MW of 32.5kDa according to NP\_002988.3). Primary incubation 1 hour at room temperature.

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human