

## UK Office

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

## EB05019 - Goat Anti-SOCS3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SOCS3, CIS3, Cish3, SSI-3, SOCS-3, suppressor of cytokine signaling 3, STAT induced STAT inhibitor 3, cytokine-induced SH2 protein 3, ATOD4, MGC71791, SSI3

**Official Symbol:** SOCS3

**Accession Number(s):** NP\_003946.3

**Human GeneID(s):** [9021](#)

**Non-Human GeneID(s):** 12702 (mouse), 89829 (rat)

### Immunogen

Peptide with sequence C-PIREFLDQYDAPL, from the C Terminus of the protein sequence according to NP\_003946.3.

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 1:16000.

**Western blot:** Approx 26kDa band observed in lysates of cell line MOLT4 (calculated MW of 24.8kDa according to NP\_003946.3). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse, Rat and Pig Liver for this particular batch.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow

### Specific Reference

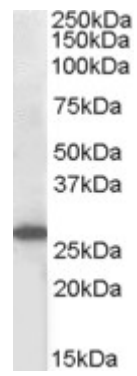
**This antibody (previous batch) has been successfully used in Western blot on Rat:**

Buckley MM, O'Halloran KD, Rae MG, Dinan TG, O'Malley D.

Modulation of enteric neurons by interleukin-6 and corticotropin-releasing factor contributes to viscer a rat model of irritable bowel syndrome.

J Physiol. 2014 Dec 1;592(23):5235-50.

PMID: 25260633



EB05019 (1µg/ml) staining of MOLT4 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.