

## Goat anti-SOCS3 Antibody

**Item Number** dAP-0102

**Target Molecule** Principle Name: SOCS3; Official Symbol: SOCS3; All Names and Symbols: 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; Accession Number (s): NP\_003946.3; Human Gene ID(s): 9021; Non-Human GenelD(s): 12702 (mouse) 89829 (rat)

**Immunogen** PIREFLDQYDAPL, is from C Terminus

**Applications** Pep ELISA, WB

Species Tested: Human

**Purification** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Supplied As** lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

**Peptide ELISA** Peptide ELISA: antibody detection limit dilution 1 to 16000.

**Western Blot** 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.

**IHC**

**Reference** Reference(s): Roberts AW, Robb L, Rakar S, Hartley L, Cluse L, Nicola NA, Metcalf D, Hilton DJ, Alexander WS. Placental defects and embryonic lethality in mice lacking suppressor of cytokine signaling 3. Proc Natl Acad Sci U S A. 2001 Jul 31;98(16):9324-9..PMID: 11481489->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**