

International Office

Everest Biotech Ltd Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB05701 - Goat Anti-SOCS5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SOCS5, suppressor of cytokine signaling 5, CIS6, CISH6, KIAA0671, cytokine-inducible SH2 protein 6, Cish5, SOCS-5 Official Symbol: SOCS5 Accession Number(s): NP_054730.1 Human GeneID(s): <u>9655</u> Non-Human GeneID(s): 56468 (mouse) Important Comments: Both reported variants represent identical protein: NP_054730.1 and NP_659198.1.

Immunogen

Peptide with sequence DKVGKMWNNFK-C, from the N Terminus of the protein sequence according to NP_054730.1.

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.

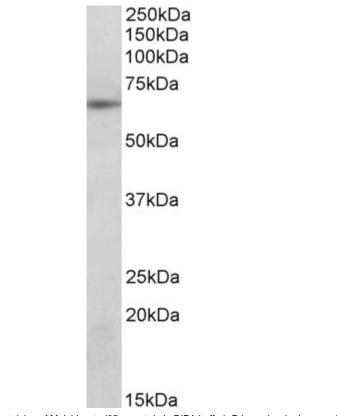
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000. **Western blot:** Approx 65kDa band observed in lysates of cell line Molt4 (calculated MW of 61.2kDa according to NP_054730.1). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow



EB05701 (0.3µg/ml) staining of Molt4 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.