

Recombinant

DGRmAb®

SOCS2 (DGR13672) Rabbit mAb

db13462

Package : 10µL 20µL 50µL 100µL

Product Name : SOCS2 (DGR13672) Rabbit mAb**Cat.No.:** db13462**Synonyms :** CIS2; SS12; Cish2; SSI-2; SOCS-2; STAT2**Application :** WB, ICC/IF, FC, IP**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes a member of the suppressor of cytokine signaling (SOCS) family. SOCS family members are cytokine-inducible negative regulators of cytokine receptor signaling via the Janus kinase/signal transducer and activation of transcription pathway (the JAK/STAT pathway). SOCS family proteins interact with major molecules of signaling complexes to block further signal transduction, in part, by proteasomal depletion of receptors or signal-transducing proteins via ubiquitination. The expression of this gene can be induced by a subset of cytokines, including erythropoietin, GM-CSF, IL 10, interferon (IFN)-gamma and by cytokine receptors such as growth hormone receptor. The protein encoded by this gene interacts with the cytoplasmic domain of insulin-like growth factor-1 receptor (IGF1R) and is thought to be involved in the regulation of IGF1R mediated cell signaling. This gene has pseudogenes on chromosomes 20 and 22. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]

Immunogen

A synthetic peptide of human SOCS2

Gene ID

8835

Swiss Prot

O14508

Synonyms

CIS2; SS12; Cish2; SSI-2; SOCS-2; STAT2

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000-1:5000

ICC/IF: 1:100-1:200

FC: 1:100

IP: 1:10-1:100

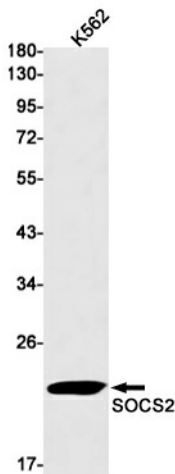
Calculated MW

22 kDa

Observed MW

22 kDa

Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR13672
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of SOCS2 in K562 cell lysates using SOCS2 antibody(1:1000 diluted).