

SOCS6 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant SOCS6.

Catalog # AT3991a

Product Information

Application	WB, E
Primary Accession	O14544
Other Accession	BC020082
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a kappa
Clone Names	M2-F12
Calculated MW	59528

Additional Information

Gene ID	9306
Other Names	Suppressor of cytokine signaling 6, SOCS-6, Cytokine-inducible SH2 protein 4, CIS-4, Suppressor of cytokine signaling 4, SOCS-4, SOCS6, CIS4, SOCS4
Target/Specificity	SOCS6 (AAH20082, 1 a.a. ~ 535 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	SOCS6 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

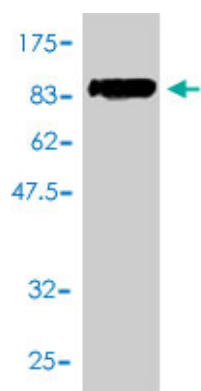
Background

The protein encoded by this gene contains a SH2 domain and a CIS homolog domain. The protein thus belongs to the cytokine-induced STAT inhibitor (CIS), also known as suppressor of cytokine signaling (SOCS) or STAT-induced STAT inhibitor (SSI), protein family. CIS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by GM-CSF and EPO in hematopoietic cells. A high expression level of this gene was found in factor-independent chronic myelogenous leukemia (CML) and erythroleukemia (HEL) cell lines.

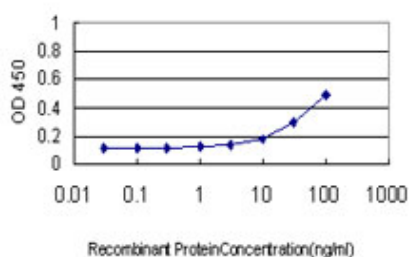
References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. SOCS-6 negatively regulates T cell activation through targeting p56lck to proteasomal degradation. Choi YB, et al. J Biol Chem, 2010 Mar 5. PMID 20007709. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121. Genomic organization and functional characterization of the promoter for the human suppressor of cytokine signaling 6 gene. Lai RH, et al. Gene, 2009 Dec 1. PMID 19716864.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (84.59 KDa) .



Detection limit for recombinant GST tagged SOCS6 is approximately 1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.