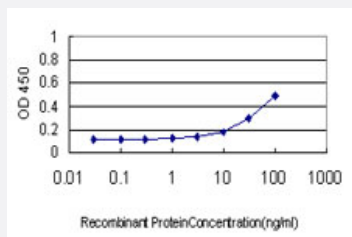


SOCS6 monoclonal antibody (M01), clone M2-F12

Catalog # H00009306-M01

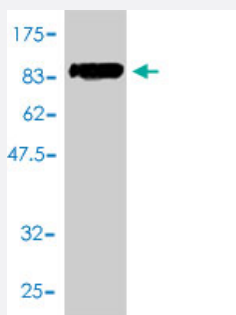
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (84.59 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant SOCS6.

Immunogen

SOCS6 (AAH20082, 1 a.a. ~ 535 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence	MKKISLKTLRKSFNLNKSKEETDFMVVQQPSLASDFGKDDSLFGSCYGKDMASCDINGEDEKGG KNRSKSESLMGT LKRRLSAKQKSKGKAGTPSGSSADEDTFSSSSAPIVKDVRAQRPIRSTSLRS HHYSPAPWPLRPTNSEETCIKMEVRVKALVHSSSPSPALNGVRKDFHDLQSETTCQEQANSLKS SASHNGDLHLHLDEHVPVVIGLMPQDYIQYTVPLDEGMYPLEGSRSYCLDSSSPMEVSAVPPQV GGRAPPEDESQVDQDLVVAPEIFVDQSVNGLLIGTTGVMLQSPRAGHDDVPPLSPLLPPMQNNQ IQRFNSGLTGTEAHVAESMRCHLNFDPN SAPGVARVYDSVQSSGPMVVTSLTEELKKLAKQGWY WGPITRWEAEGKLANVPDGSFLVRDSSDDRYLLSLSFRSHGKTLHTRIEHSNGRFSFYEQPDVE GHTSIVDLIEHSIRDSENGAF CYSRSLPGSATYPVRLTNPVSRFMQVRSLQYLCRFVIRQYTRIDLI QKLPLPNKMKDY LQEKHY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (81)
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (84.59 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — SOCS6

Entrez GeneID [9306](#)

GeneBank Accession# [BC020082](#)

Protein Accession#	AAH20082
Gene Name	SOCS6
Gene Alias	CIS4, HSPC060, SOCS4, SS4, STA4, STAT4
Gene Description	suppressor of cytokine signaling 6
Omim ID	605118
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	STAT induced STAT inhibitor-4 cytokine-inducible SH2 protein 4 suppressor of cytokine signaling 4

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)