

SOCS5 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SOCS5.

Catalog # AT3990a

Product Information

Application	WB, IHC, E
Primary Accession	O75159
Other Accession	BC032862
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2D1
Calculated MW	61246

Additional Information

Gene ID	9655
Other Names	Suppressor of cytokine signaling 5, SOCS-5, Cytokine-inducible SH2 protein 6, CIS-6, Cytokine-inducible SH2-containing protein 5, SOCS5, CIS6, CISH5, CISH6, KIAA0671
Target/Specificity	SOCS5 (AAH32862, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 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	SOCS5 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

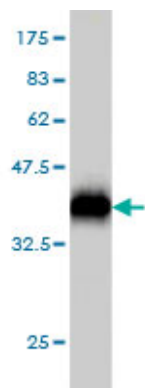
Background

The protein encoded by this gene contains a SH2 domain and a SOCS BOX domain. The protein thus belongs to the suppressor of cytokine signaling (SOCS) family, also known as STAT-induced STAT inhibitor (SSI) protein family. SOCS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The specific function of this protein has not yet been determined. Two alternatively spliced transcript variants encoding an identical protein have been reported.

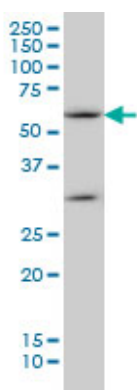
References

The control of allergic conjunctivitis by suppressor of cytokine signaling (SOCS)3 and SOCS5 in a murine model. Ozaki A, et al. J Immunol, 2005 Oct 15. PMID 16210657. Suppressor of cytokine signaling (SOCS)-5 is a potential negative regulator of epidermal growth factor signaling. Nicholson SE, et al. Proc Natl Acad Sci U S A, 2005 Feb 15. PMID 15695332. Suppressors of cytokine signaling 4 and 5 regulate epidermal growth factor receptor signaling. Kario E, et al. J Biol Chem, 2005 Feb 25. PMID 15590694. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Identification of NPM-ALK interacting proteins by tandem mass spectrometry. Crockett DK, et al. Oncogene, 2004 Apr 8. PMID 14968112.

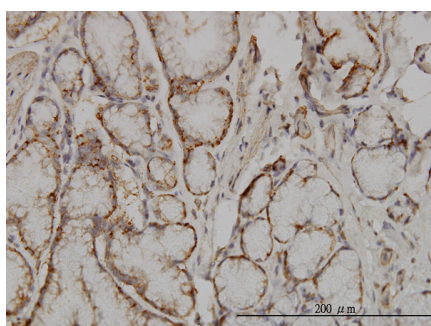
Images



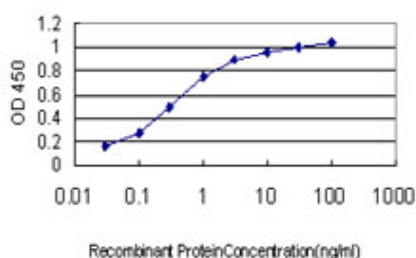
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .



SOCS5 monoclonal antibody (M01), clone 2D1 Western Blot analysis of SOCS5 expression in HepG2 (Cat # AT3990a)



Immunoperoxidase of monoclonal antibody to SOCS5 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged SOCS5 is approximately 0.03ng/ml as a capture antibody.

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