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Datasheet for ABIN6977286

anti-SOCS6 antibody (AA 21-120) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	SOCS6
Binding Specificity:	AA 21-120
Reactivity:	Mouse, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS6 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SOCS6
Isotype:	IgG
Cross-Reactivity:	Chicken, Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SOCS6
Alternative Name:	SOCS6 (SOCS6 Products)

Target Details

Background:	<p>Synonyms: CIS-4, CIS4, Cish4, Cytokine inducible SH2 protein 4, Cytokine-inducible SH2 protein 4, HSPC060, SOCS-4, SOCS-6, SOCS4, Socs6, SOCS6_HUMAN, SSI4, STAI4, STAT induced STAT inhibitor 4, STAT4, STATI4, Suppressor of cytokine signaling 4, Suppressor of cytokine signaling 6.</p> <p>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. [provided by RefSeq, Jul 2008].</p>
Gene ID:	9306
UniProt:	O14544
Pathways:	JAK-STAT Signaling , Carbohydrate Homeostasis

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months