



Rabbit Anti-Human CIS monoclonal antibody, clone 6I7M22 (CABT-L1245)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Feline, Rabbit, Rat, Mouse and Goat.
Target	CISH
Immunogen	Protein corresponding to Human CISH (aa 1-258)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	6I7M22
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ICC, IF, WB Recommended dilution: 1-2 µg/mL
Format	Liquid
Concentration	0.5 mg/ml
Size	100 µg
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide

Storage

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction

CIS contains a SH2 domain and a SOCS box 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 IL2, IL3, GM-CSF and EPO in hematopoietic cells. Proteasome-mediated degradation of this protein has been shown to be involved in the inactivation of the erythropoietin receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

Keywords

CISH;cytokine inducible SH2-containing protein;cytokine-inducible SH2-containing protein;CIS;CIS 1;G18;SOCS;suppressor of cytokine signaling;cytokine-inducible inhibitor of signaling type 1B;CIS-1;BACTS2

GENE INFORMATION

Entrez Gene ID

[1154](#)

UniProt ID

[Q9NSE2](#)
