

CIS rabbit pAb

Cat No.: ES8670

For research use only

Overview

Product Name CIS rabbit pAb

Host species Rabbit

Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions IHC-p 1:50-200, ELISA 1:10000-20000

Immunogen Synthetic peptide from human protein at AA range:

30-90

Specificity The antibody detects endogenous CIS

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

StorageStore at -20°C. Avoid repeated freeze-thaw cycles.Protein NameCytokine-inducible SH2-containing protein (CIS)

(CIS-1) (Protein G18) (Suppressor of cytokine

signaling) (SOCS)

Gene Name CISH G18

Cellular localization cytoplasm,cytosol,plasma membrane,

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 1154 Human Swiss-Prot Number Q9NSE2

Alternative Names Cytokine-inducible SH2-containing protein

(CIS;CIS-1;Protein G18;Suppressor of cytokine

signaling;SOCS)

Background cytokine inducible SH2 containing protein(CISH)

Homo sapiens The protein encoded by this gene 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),



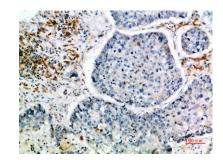
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protein family. CIS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by IL2, IL3, GM-CSF and EPO in hematopoietic cells. Proteasome-mediated degradation of this 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. [provided by RefSeq, Aug 2008],

Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:200



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