

CISH mouse monoclonal antibody (hybridoma)

Catalog # H00001154-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant CISH.
Immunogen	CISH (NP_659508.1, 1 a.a. ~ 258 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MVLCVQGPRPLLAVERTGQRPLWAPSLELPKPVMQPLPAGAFLEEVAEGTPAQTESEPKVLDP EEDLLCIAKTFSYLRESGWYWGSIASEARQLQKMPEGTFVLVRDSTHPSYLF TLSVKTTTRGPTNV RIEYADSSFRLDSNCLSRPRILAFPDVVSLVQHYVASCTADTRSDSPDPAPTPALPMPKEDAPSD PALPAPPPATAVHLKLVQPFVRRSSARSLQHLCLVINRLVADVDCPLPRRMADYLRQYPFQL
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Western Blot (Recombinant protein)
[Protocol Download](#)
- ELISA

Gene Info — CISH

Entrez GeneID [1154](#)

GeneBank Accession# [NM_145071.1](#)

Protein Accession# [NP_659508.1](#)

Gene Name CISH

Gene Alias CIS, CIS-1, G18, SOCS

Gene Description cytokine inducible SH2-containing protein

Omim ID [602441](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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), 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]

Other Designations cytokine-inducible SH2-containing protein|cytokine-inducible inhibitor of signaling type 1B|suppressor of cytokine signaling

Pathway

- [Jak-STAT signaling pathway](#)

Disease

- [Bacteremia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Malaria](#)
- [Tuberculosis](#)