

CSH1 monoclonal antibody, clone 6/6A3

Catalog # MAB3692

Size 1 mg

Specification

Product Description	Mouse monoclonal antibody raised against recombinant CSH1.
Immunogen	Recombinant protein corresponding to human CSH1.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes natural and recombinant human CSH1.
Form	Liquid
Isotype	IgG1, kappa
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In BBS
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CSH1

Entrez GeneID	1442
Gene Name	CSH1
Gene Alias	CSA, CSMT, FLJ75407, PL

Gene Description	chorionic somatomammotropin hormone 1 (placental lactogen)
Omim ID	150200
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones and plays an important role in growth control. The gene is located at the growth hormone locus on chromosome 17 along with four other related genes in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. Although the five genes share a remarkably high degree of sequence identity, they are expressed selectively in different tissues. Alternative splicing generates additional isoforms of each of the five growth hormones, leading to further diversity and potential for specialization. This particular family member is expressed mainly in the placenta and utilizes multiple transcription initiation sites. Expression of the identical mature proteins for chorionic somatomammotropin hormones 1 and 2 is upregulated during development, although the ratio of 1 to 2 increases by term. Mutations in this gene result in placental lactogen deficiency and Silver-Russell syndrome. [provided by RefSeq]</p>
Other Designations	CS-1 choriomammotropin chorionic somatomammotropin A chorionic somatomammotropin hormone 1 hCS-A placental lactogen

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Birth Weight](#)
- [Body Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)