



# Anti-CSH1 monoclonal antibody, clone JOO-iQM-48 (DCABH-404)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to Human placental lactogen (epitope 2)
<b>Antigen Description</b>	Placental lactogen 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.
<b>Specificity</b>	Radioimmunological direct binding studies were performed with 125I-labelled. hPL, hGH, hPRL and increasing amounts of INN-hPL-37. In addition, competitive RIA with unlabelled hGH, hPRL and hPL were used for characterization. In competitive RIA cross react
<b>Immunogen</b>	Human placental lactogen.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	JOO-iQM-48
<b>Purification</b>	Purification by affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	RIA

<b>Format</b>	Liquid
<b>Size</b>	250 µg
<b>Buffer</b>	Preservative: 0.09% Sodium Azide.
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Ship</b>	Shipped at 4°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CSH1 chorionic somatomammotropin hormone 1 (placental lactogen) [ Homo sapiens ]</a>
<b>Official Symbol</b>	CSH1
<b>Synonyms</b>	CSH1; chorionic somatomammotropin hormone 1 (placental lactogen); chorionic somatomammotropin hormone; choriomammotropin; chorionic somatomammotropin A; CSA; CSMT; FLJ75407; hCS A; PL; placental lactogen; CS-1; hCS-A;
<b>Entrez Gene ID</b>	<a href="#">1442</a>
<b>Protein Refseq</b>	<a href="#">NP_001308</a>
<b>UniProt ID</b>	<a href="#">A8K6C2</a>
<b>Chromosome Location</b>	17q22-q24
<b>Pathway</b>	Cytokine Signaling in Immune system, organism-specific biosystem; Growth hormone receptor signaling, organism-specific biosystem; Immune System, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem.
<b>Function</b>	hormone activity; metal ion binding;