

Anti-human chorionic somatotropin [17] Standard Size Ab00637-23.0

This full-length, chimeric rabbit antibody was made using the variable domain sequences of the original Human scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 17

Alternative Name(s) of Target: HCS; human chorionic somatomammotropin; human chorionic lactogen; chorionic growth hormone-prolactin

UniProt Accession Number of Target Protein: P0DML2

Published Application(s): Biacore, ELISA

Published Species Reactivity: Human

Immunogen: 2D-PAGE gel isolated human chorionic somatotropin from lysate of human melanoma COLO-38 cells.

Specificity: This antibody bind to human chorionic somatotropin

Application Notes: HCS is produced only during pregnancy and is involved in stimulating lactation, fetal growth and metabolism. Deficiency of HCS during pregnancy leads to children who undergo abnormal intrauterine and postnatal growth.

Antibody First Published in: Pini et al. Design and use of a phage display library. Human antibodies with subnanomolar affinity against a marker of angiogenesis eluted from a two-dimensional gel. J Biol Chem. 1998 Aug 21;273(34):21769-76. [PMID:9705314](#)

Note on publication: Describes generation, using phage display, of antibodies with subnanomolar affinity against markers of angiogenesis.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.