

Anti-Human Chorionic Gonadotropin [3A2] Standard Size Ab00386-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: 3A2

Alternative Name(s) of Target: hCG; Choriogonadotropin

UniProt Accession Number of Target Protein: P01233

Published Application(s): ELISA

Published Species Reactivity: Human

Immunogen: C-terminal peptide of hcG.

Specificity: The antibody binds specifically to the carboxy-terminal region of hCG.

Application Notes: The antibody binds to the C-terminus of human chorionic gonadotropin (hCG), a glycoprotein hormone secreted in high levels during the first three months of pregnancy, acting to sustain progesterone-activity.

Antibody First Published in: Fotinou et al. Structure of an Fab Fragment against a C-terminal Peptide of hCG at 2.0 Angstrom Resolution. Journal of Biological Chemistry 1998; 273(35)22515-22518 [PMID:9712877](#)

Note on publication: Describes the generation and crystallization of a monoclonal antibody against hCG.

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.