

Anti-Human Chorionic Gonadotropin [3A2] Bulk Size Ab00386-10.0-BT

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, 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: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.