

## Anti-Human Chorionic Gonadotropin [3A2] Bulk size M Ab00386-10.7-BS

This antibody is in our proprietary AbFab2™ recombinant F(ab2) format - based on Human IgG1 sequence with a short dimerization domain to improve stability and a his tag.

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 F(ab)2, AbFab2™ His-Tagged, 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:** Purified by Immobilized Metal Affinity Chromatography

**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:**

See vial label

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