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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-hCG subunit alpha [Fv3299] Standard Size Ab03622-10.0

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

Isotype and Format: Human IgG1, Kappa

Clone Number: Fv3299

Alternative Name(s) of Target: hCG; CGA; Human chorionic gonadotropin; Choriogonadotropin subunit alpha; Chorionic gonadotropin chain alpha; CG-alpha

UniProt Accession Number of Target Protein: P01215

Published Application(s): Crystallization

Published Species Reactivity: Human

Immunogen: The scFv fragment was derived from hybridoma cells secreting the monoclonal antibody designated 3299.

Specificity: The antibody is specific for subunit alpha of hCG. The antibody interacts with the loop 14A-21A of subunit alpha.

Application Notes: The crystal structure of the antibody in complex with hCG subunit alpha was determined (Tegoni et al., 1999; PMID: 10373373).

Antibody First Published in: Tegoni et al. Crystal structure of a ternary complex between human chorionic gonadotropin (hCG) and two Fv fragments specific for the alpha and beta-subunits. *J Mol Biol.* 1999 Jun 25;289(5):1375-85. [PMID:1037337.3](#)

Note on publication: The original paper describes the generation and characterization of the antibody.

Product Form

Size: 100 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.