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Datasheet for ABIN5004307

## anti-HCG beta antibody (AA 81-165) (AbBy Fluor® 680)

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | HCG beta  |
| Binding Specificity: | AA 81-165   |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This HCG beta antibody is conjugated to AbBy Fluor® 680   |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Beta-HCG |
| Isotype:              | IgG  |
| Predicted Reactivity: | Human  |
| Purification:         | Purified by Protein A.                                       |

### Target Details

|             |  |
|-------------|--|
| Target:     | HCG beta   |
| Abstract:   | <a href="#">HCG beta Products</a>  |
| Background: | Synonyms: HCG, Choriogonadotropin subunit beta, CG-beta, Chorionic gonadotrophin chain |

## Target Details

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beta, CGB, CGB3, CGB3\_HUMAN)

Background: Beta subunit of the human chorionic gonadotropin (hCG). hCG is a complex glycoprotein composed of two glycosylated subunits alpha and beta which are non-covalently associated. The alpha subunit is identical to those in the pituitary gonadotropin hormones (LH, FSH and TSH). The beta subunits are distinct in each of the hormones and confer receptor and biological specificity. Has an essential role in pregnancy and maternal adaptation. Stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy

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Gene ID: 93659

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UniProt: [P0DN86](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months