



Mouse monoclonal antibody to human Choriogonadotropin subunit beta [HCG-8]: IgG

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| Catalogue No.: | M-1229-100 |
| Description: | Choriogonadotropin (CG) is a glycoprotein hormone. CG is produced by the trophoblastic cells of the placenta in the first trimester and it stimulates the ovaries to synthesize the steroids needed to maintain pregnancy. CG is a heterodimer consisting of a common alpha subunit and an unique beta subunit which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin. |
| Batch No.: | See product label |
| Unit size: | 100 ug |
| Antigen: | Purified human Choriogonadotropin (CG) |
| Clone: | HCG-8 |
| Other Names: | CG-beta; Chorionic gonadotrophin chain beta; CGB; CGB3; CGB5; CGB7; CGB8; |
| Accession: | P01233 CGHB_HUMAN; |
| Produced in: | Mouse |
| Purity: | IgG |
| Applications: | Immunohistochemistry (IHC-P). A concentration of 2 ug/mL is recommended to detect Choriogonadotropin subunit beta in formalin fixed and paraffin embedded tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user. |
| Specificity: | The specificity of this antibody has been confirmed by IHC against the antigen. The antibody has no cross reactivity with hLH, hTSH or hFSH. |
| Cross-reactivity: | Human; |
| Form: | Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3 |
| Reconstitution: | Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material. |
| Storage: | At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles. |
| Expiry Date: | 12 months after purchase |

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