

### Anti-hCG beta antibody [5H4-E2] ab9582

★★★★★ [2 Abreviews](#) [22 References](#) [2 图像](#)

#### 概述

产品名称	Anti-hCG beta抗体[5H4-E2]
描述	小鼠单克隆抗体[5H4-E2] to hCG beta
宿主	Mouse
特异性	The antibody recognizes the whole hCG beta and the C-terminal end part of hCG beta, as well as the hCG dimer molecule. It does not react with hCG alpha, FSH, LH, TSH and albumins (evaluated by simple-binding ELISA using 1.00 µg/well purified antigens (WHO standards) and 1.00 µg/ml primary antibody concentrations). This antibody labels the cytoplasm of hCG beta producing (trophoblastic) cells in placenta, mola hydatidosa, choriocarcinoma, embryonal carcinoma and some undifferentiated lung cancers, as well as, the JAR choriocarcinoma cell line. It does not react with cells of normal endometrial, testicular tissues and lung (tested by immunohistochemistry on formalin-fixed, paraffin-embedded tissue sections using the Streptavidin-biotinylated peroxidase method).
经测试应用	<b>适用于:</b> IHC-P
种属反应性	<b>与反应:</b> Human <b>不与反应:</b> Horse
免疫原	Full length native protein (purified) corresponding to Human hCG beta. Database link: <a href="#">P01233</a>
阳性对照	ICC/IF: Human chorionic villus cells. IHC-P: Human fetal chorionic villus tissue.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.097% Sodium azide

	Constituents: Tris HCl, 0.2% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	5H4-E2
同种型	IgG1
轻链类型	kappa

应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab9582于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

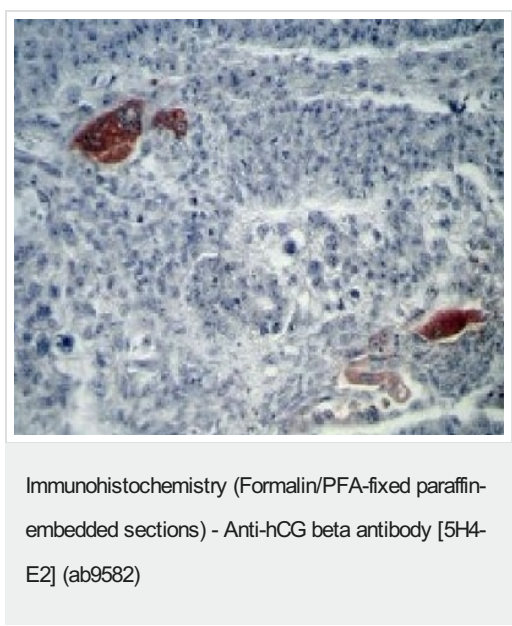
应用	Ab评论	说明
IHC-P		Use at an assay dependent concentration. It gives optimal immunostaining with the majority of well-known detection systems (e.g. LSAB, ABC/SABC, PAP, APAAP, double staining, etc.). Antigen retrieval, such as heating of slides in 10 mM citrate buffer, pH 6.00 or proteolytic pre-treatment of tissues may increase the staining intensity. The recommended time of incubation is 60 minutes at room temperature.

靶标

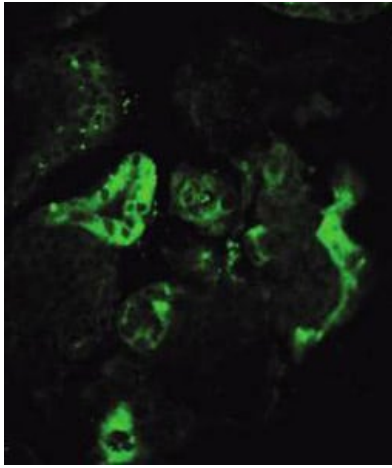
**相关性**

Function: Stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. Tissue specificity: Placenta. Similarity: Belongs to the glycoprotein hormones subunit beta family. Developmental stage: Made by the first trimester placenta.

图片



Formalin-fixed, paraffin-embedded human seminoma tissue stained for hCG beta with ab9582 at a 1/50 dilution in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-hCG beta antibody [5H4-E2] (ab9582)

Image from Spitalieri P et al, Cloning Stem Cells. 2009 Dec;11(4):535-56, Fig 1, DOI: 10.1089/clo.2009.0046.

ab9582 staining hCG beta in human fetal chorionic villus by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Samples were fixed in 4% paraformaldehyde and then incubated with ab9582 in PBT [3% bovine serum albumin (BSA) and 0.5% Triton X-100 in phosphate-buffered saline (PBS)] overnight at 4°C. After extensive washing with PBT, samples were incubated with a secondary antibody conjugated to Alexa-Fluor<sup>®</sup> 488 for 1 hour at room temperature in the dark. After nuclear staining with Hoechst slides were mounted with PBS/ glycerol.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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