

Product datasheet

Anti-hCG beta antibody [HCGb/54] - BSA and Azide free ab212279

[1 Image](#)

Overview

Product name	Anti-hCG beta antibody [HCGb/54] - BSA and Azide free
Description	Mouse monoclonal [HCGb/54] to hCG beta - BSA and Azide free
Host species	Mouse
Specificity	ab212279 reacts with a protein of 22kDa, identified as β sub-unit of hCG. It does not cross react with the α sub-unit.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. The exact sequence is proprietary. Database link: P01233
Positive control	Human placenta tissue.
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Constituent: 100% PBS
Carrier free	Yes
Purity	Protein G purified
Purification notes	ab212279 was purified from bioreactor concentrate by Protein A/G.
Clonality	Monoclonal

Clone number	HCGb/54
Isotype	IgG1
Light chain type	kappa

Applications

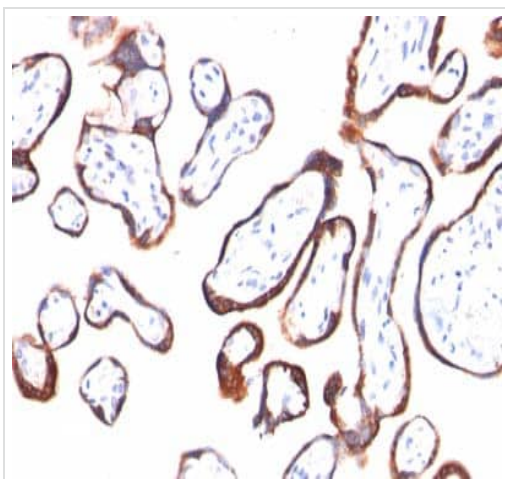
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab212279 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. (Primary incubation for 30 min at RT).

Target

Relevance 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.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human placenta tissue labeling hCG beta with **ab212278** at 1 µg/mL.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-hCG beta antibody [HCGb/54] - BSA and Azide free (ab212279)

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

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