

Anti-hCG beta core fragment antibody [INN-hCG-106] ab11382

Overview

Product name	Anti-hCG beta core fragment antibody [INN-hCG-106]
Description	Mouse monoclonal [INN-hCG-106] to hCG beta core fragment
Host species	Mouse
Specificity	Ab11382 recognises hCG b, binding to epitope bll of the core fragment (hCG b cf). The antibody does not bind to hCG, hLH, hCGb or hLHb.
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human hCG beta core fragment. hCGb core fragment purified from urine of healthy pregnant donors.
General notes	<p>Spleen cells from immunised BALB/c mice were fused with cells of the mouse PA1 myeloma cell line. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p> <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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: PBS</p>
Purity	Protein G purified
Purification notes	Purified IgG prepared by ion exchange chromatography.

Clonality	Monoclonal
Clone number	INN-hCG-106
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab11382 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
ELISA		Use at an assay dependent concentration.

Target

Relevance hCG beta core fragment is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene.

Cellular localization Secreted

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