

## Product datasheet

# Anti-Choriogonadotropin subunit beta 3 antibody [INN-hCG-2] ab11388

★★★★★ [1 Abreviews](#) [1 References](#)

### Overview

<b>Product name</b>	Anti-Choriogonadotropin subunit beta 3 antibody [INN-hCG-2]
<b>Description</b>	Mouse monoclonal [INN-hCG-2] to Choriogonadotropin subunit beta 3
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, IHC-P, RIA <b>Unsuitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein corresponding to Human Choriogonadotropin subunit beta 3. Database link: <a href="#">P0DN86</a>
<b>General notes</b>	<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>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	INN-hCG-2
<b>Myeloma</b>	P3-NS1/1-Ag4-1
<b>Isotype</b>	IgG1

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab11388 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.
IHC-P		Use at an assay dependent concentration.
RIA		Use at an assay dependent concentration.

### Application notes

Is unsuitable for Flow Cyt.

## Target

### Function

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.

### Tissue specificity

High expression in the placenta throughout pregnancy.

### Sequence similarities

Belongs to the glycoprotein hormones subunit beta family.

### Developmental stage

Expressed continuously during the whole pregnancy with a peak during the first trimester.

### Cellular localization

Secreted.

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

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