

Product datasheet

Anti-hCG beta antibody [7H4] ab70884

1 Image

Overview

Product name	Anti-hCG beta antibody [7H4]
Description	Mouse monoclonal [7H4] to hCG beta
Host species	Mouse
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	Human chorionic gonadotropin protein
Positive control	Human chorionic gonadotropin (hGC) protein.
General notes	Abcam is committed to meeting high standards of ethical manufacturing and as such, we will be discontinuing this product, which has been generated by the ascites method, within the next year. We are sorry for any inconvenience this may cause. If you would like help finding an alternative product, please do not hesitate to contact our scientific support team.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.03% Sodium Azide Constituents: 50% Glycerol, 0.01% BSA, HEPES, 0.15M Sodium chloride
Clonality	Monoclonal
Clone number	7H4
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab70884** in the following tested applications.

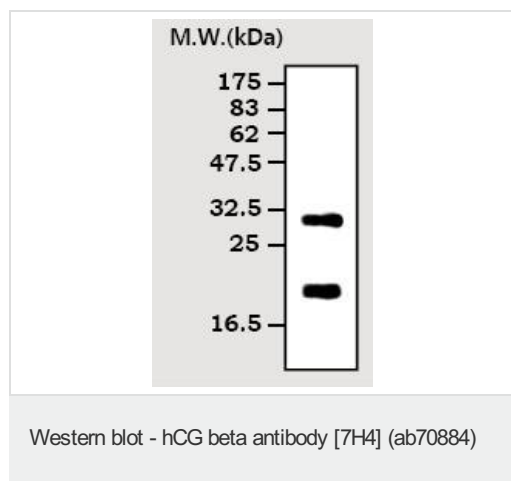
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000. Detects a band of approximately 18 kDa (predicted molecular weight: 18 kDa).
ELISA		Use at an assay dependent dilution.

Target

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

Images



Anti-hCG beta antibody [7H4] (ab70884) at 1/2000 dilution + Human chorionic gonadotropin protein

Predicted band size: 18 kDa

Observed band size: 18 kDa

Additional bands at: 30 kDa. We are unsure as to the identity of these extra bands.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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