

## Product datasheet

# Anti-Golgin 97 antibody ab84340

★★★★★ 2 Abreviews 7 References 4 图像

### 概述

产品名称	Anti-Golgin 97抗体
描述	兔多克隆抗体to Golgin 97
宿主	Rabbit
经测试应用	适用于: ICC/IF, IHC-P
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide conjugated to KLH derived from within residues 750 to the C-terminus of Human Golgin 97.参阅Abcam的专有抗源政策(Peptide available as <a href="#">ab34458</a> .)
阳性对照	This antibody gave a positive signal when used to probe HepG2 cells (IF) and human breast carcinoma (IHC)
常规说明	ab84340 is raised using the same immunogen as <a href="#">ab33701</a> . Batches sold under ab84340 have passed QC testing in ICC/IF and IHC. In our hands, this product did not work in WB. For further information please contact our Customer Services team.

### 性能

形式	Liquid
存放说明	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.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab84340** in the following tested applications.

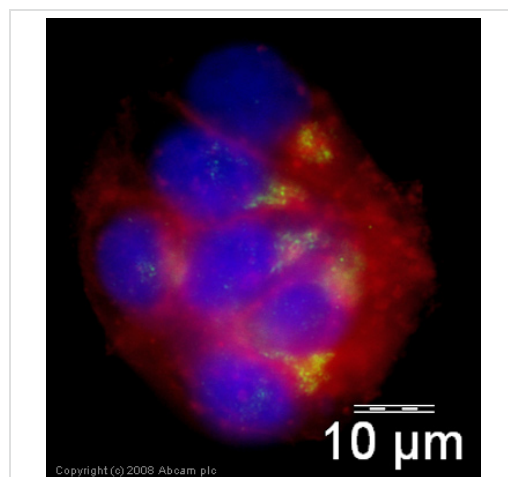
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
ICC/IF	★★★★☆	Use a concentration of 5 µg/ml.
IHC-P	★★★★★	Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

## 靶标

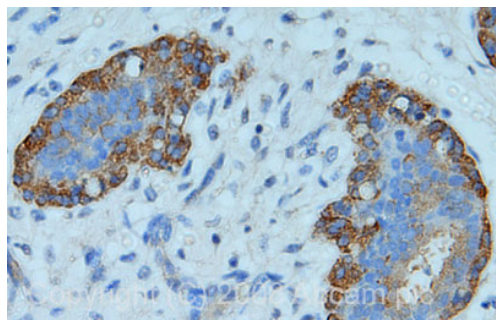
功能	Probably involved in maintaining Golgi structure.
序列相似性	Contains 1 GRIP domain.
结构域	Extended rod-like protein with coiled-coil domains.
细胞定位	Golgi apparatus > Golgi stack membrane.

## 图片



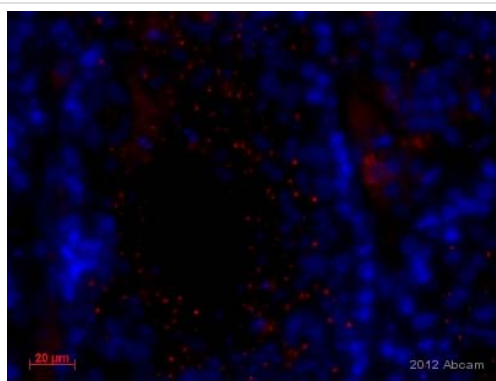
Immunocytochemistry/ Immunofluorescence - Golgin 97 antibody (ab84340)

ICC/IF image of ab84340 stained human HepG2 cells. The cells were methanol fixed (5 min), permeabilised in 0.1% PBS-Tween (20 min) and incubated with the antibody (ab84340, 5µg/ml) for 1h at room temperature. 1%BSA / 10% normal goat serum / 0.3M glycine was used to block non-specific protein-protein interactions. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red). DAPI was used to stain the cell nuclei (blue).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Golgin 97 antibody (ab84340)

IHC image of Golgin 97 staining in human breast carcinoma FFPE section, performed on a Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab84340, 5µg/ml, for 8 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



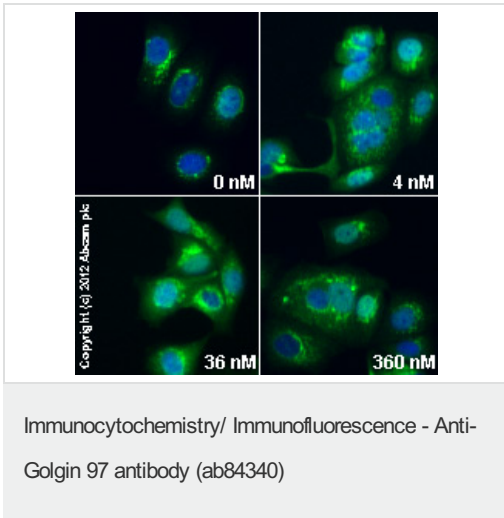
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Golgin 97 antibody (ab84340)

Image courtesy of Yoav Elkis by Abreview.

ab84340 staining Golgin 97 in murine testis tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

Tissue was fixed with formaldehyde and a heat mediated antigen retrieval step was performed using 0.01M sodium citrate.

Samples were then blocked using 10%FCS, 0.5% BSA, 1% Triton X-100, 88.5% PBS X1 and then incubated with ab84340 at a 1/100 dilution for 10 hours at 4°C. The secondary used was an Alexa-Fluor 594 conjugated goat anti-rabbit IgG used at a 1/200 dilution.



ab84340 staining Golgin-97 in MCF7 cells treated with brefeldin A (ab120299), by ICC/IF. Increase in Golgin-97 expression correlates with increased concentration of brefeldin A, as described in literature. The cells were incubated at 37°C for 1.5 h in media containing different concentrations of ab120299 (brefeldin A) in DMSO, fixed with 4% formaldehyde for 10 minutes at room temperature and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with ab84340 (5 µg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 goat anti-rabbit polyclonal antibody (ab96899) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

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

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