

Anti-GRP94 antibody ab3674

★★★★★ [10 Abreviews](#) [32 References](#) [5 图像](#)

概述

产品名称	Anti-GRP94抗体
描述	兔多克隆抗体to GRP94
宿主	Rabbit
特异性	At a very high concentration (<1/100), this antibody may recognise PDI and calreticulin. We recommend using this antibody at a relatively high dilution.
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Full length native protein (purified) corresponding to Dog GRP94 aa 1 to the C-terminus. Database link: P41148
常规说明	<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>

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: 0.01% Sodium azide
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab3674于以下的经测试应用

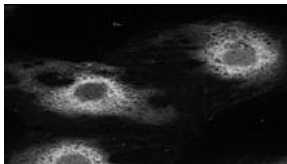
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (4)	1/2000 - 1/5000. Detects a band of approximately 94 kDa. Can be used at dilutions up to 1/30,000.
IHC-P		1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
ICC/IF	★★★★★ (6)	Use at an assay dependent concentration. Used at a concentration of 1/100 for 30 min on human renal carcinoma cell (see Abreview).

靶标

功能	Molecular chaperone that functions in the processing and transport of secreted proteins. Functions in endoplasmic reticulum associated degradation (ERAD). Has ATPase activity.
序列相似性	Belongs to the heat shock protein 90 family.
细胞定位	Endoplasmic reticulum lumen. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

图片



Immunocytochemistry/ Immunofluorescence - Anti-GRP94 antibody (ab3674)

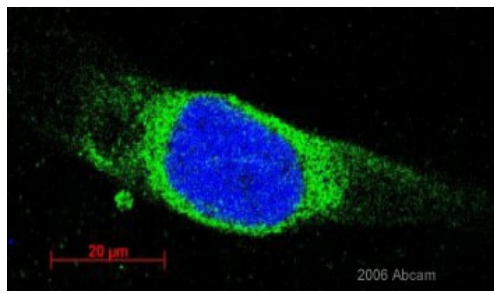
Immunostaining of mouse embryonic fibroblasts with ab3674. (See Nakamura et al. 2001).



Western blot - Anti-GRP94 antibody (ab3674)

Anti-GRP94 antibody (ab3674) at 1/2000 dilution + Cell lysates prepared from mouse fibroblasts

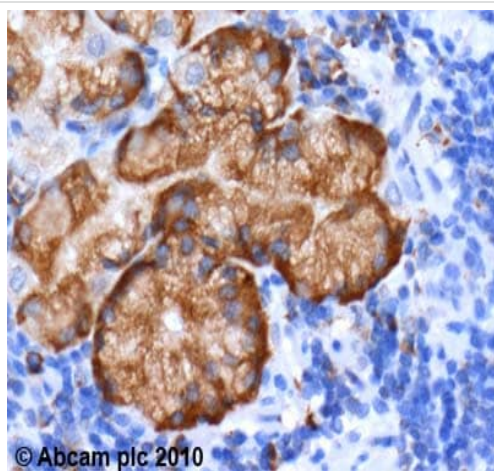
Western blot of mouse fibroblasts using **ab3764** at 1/2000.



Immunocytochemistry/ Immunofluorescence - Anti-GRP94 antibody (ab3674)

This image is courtesy of an anonymous Abreview

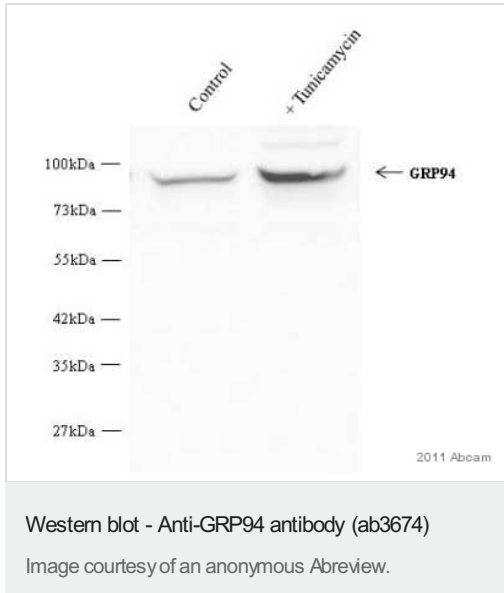
ab3674 at a 1/100 dilution staining human renal cell carcinoma cells by ICC/IF. The cells were permeabilized with 0.2% triton X100 and then blocked with 1%BSA, 4% goat serum prior to incubation with the primary 1 antibody for 30 min at 37 °C. Bound antibody was detected using an Alexa fluor ® 488 Goat anti-Rabbit IgG (H+L).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GRP94 antibody (ab3674)

Ab3674 (1/1000) staining GPR94 in human stomach using an automated system (DAKO Autostainer Plus). Using this protocol there is strong cytoplasmic staining of peptic and parietal cells of the gastric gland.

Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffer EDTA pH 9.0 in a DAKO PT link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako envision flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended. Signal amplification may be required.



All lanes : Anti-GRP94 antibody (ab3674) at 1/2000 dilution

Lane 1 : Whole cell lysate prepared from murine 3T3 cells

Lane 2 : Whole cell lysate prepared from murine 3T3 cells, treated with 2.5 ug/ml Tunicamycin 10 hours

Lysates/proteins at 50 µg per lane.

Secondary

All lanes : HRP conjugated goat anti-rabbit IgG at 1/2000 dilution

Developed using the ECL technique.

Observed band size: 94 kDa

Exposure time: 30 seconds

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

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