


Anti-GRP94 antibody ab52031

★★★★☆ [1 Abreviews](#) [1 References](#) [6 图像](#)

概述

产品名称	Anti-GRP94抗体
描述	山羊多克隆抗体to GRP94
宿主	Goat
经测试应用	适用于: Flow Cyt (Intra), IHC-P, ICC/IF, WB
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Rabbit, Dog, Cynomolgus monkey, Syrian hamster, Orangutan 
免疫原	Synthetic peptide: C-KEGVKFDSEKTKK , corresponding to internal sequence amino acids 593-606 of Human GRP94 Run BLAST with Run BLAST with
阳性对照	WB: NIH-3T3, HEK 293, A549, HeLa and U-2OS cell lysates; IHC: Human liver and uterus tissue. ICC/IF: A431 and HeLa cells. Flow Cyt (intra): A431 cells
常规说明	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. 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

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 0.5% Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab52031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
Flow Cyt (Intra)		Use a concentration of 10 µg/ml.
IHC-P		Use a concentration of 3 - 5 µg/ml.
ICC/IF		Use a concentration of 10 µg/ml.
WB	★★★★☆ (1)	Use a concentration of 0.01 - 0.03 µg/ml. Detects a band of approximately 100 kDa (predicted molecular weight: 92 kDa). 1 hour primary incubation is recommended for this product.

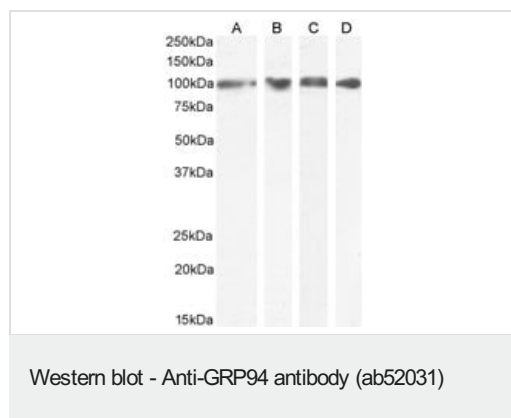
靶标

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



Lanes 1-3 : Anti-GRP94 antibody (ab52031) at 0.1 µg/ml

Lane 4 : Anti-GRP94 antibody (ab52031) at 0.3 µg/ml

Lane 1 : U2OS cell lysate

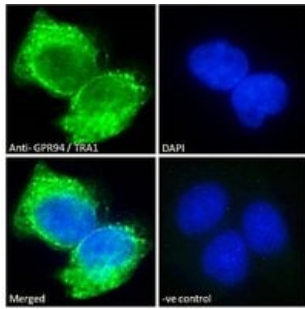
Lane 2 : HEK293 cell lysate

Lane 3 : HeLa cell lysate

Lane 4 : A594 cell lysate

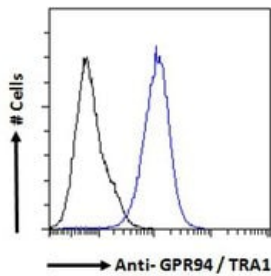
Lysates/proteins at 35 µg per lane.

Predicted band size: 92 kDa



Immunocytochemistry/ Immunofluorescence - Anti-GRP94 antibody (ab52031)

Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation with ab52031 (10 $\mu\text{g/ml}$) followed by Alexa Fluor 488 secondary antibody (2 $\mu\text{g/ml}$), showing Endoplasmic reticulum and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 $\mu\text{g/ml}$) followed by Alexa Fluor 488 secondary antibody (2 $\mu\text{g/ml}$).



Flow Cytometry (Intracellular) - Anti-GRP94 antibody (ab52031)

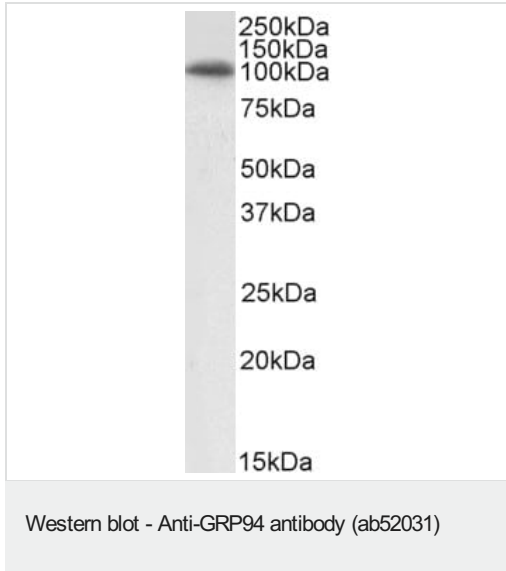
Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation with ab52031 (10 $\mu\text{g/ml}$) followed by Alexa Fluor 488 secondary antibody (1 $\mu\text{g/ml}$). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Western blot - Anti-GRP94 antibody (ab52031)

Anti-GRP94 antibody (ab52031) at 0.1 $\mu\text{g/ml}$ + U-2OS cell lysate

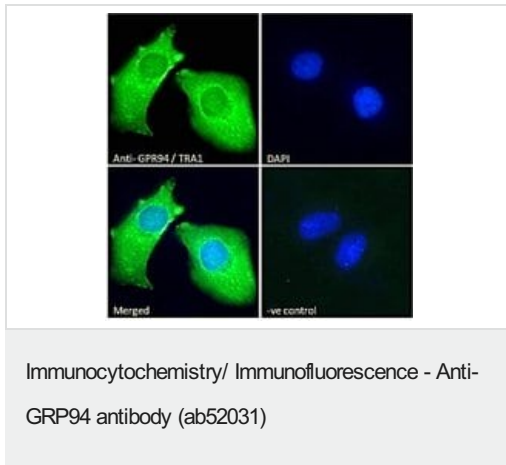
Predicted band size: 92 kDa



Anti-GRP94 antibody (ab52031) at 0.1 µg/ml + NIH-3T3 cell lysate

Developed using the ECL technique.

Predicted band size: 92 kDa



Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation with ab52031 (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing Endoplasmic reticulum and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).

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