

Product Datasheet

Rictor Antibody (1A5) NBP3-32903

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32903

Rictor Antibody (1A5)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A5
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	192 kDa
Product Description	
Host	Rabbit
Gene ID	253260
Gene Symbol	RICTOR
Species	Human, Mouse
Immunogen	Recombinant protein within human Rictor aa 1459-1708 / 1708. (Uniprot: Q6R327)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:500-1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:500



Images

Western Blot: Rictor Antibody (1A5) [NBP3-32903] - Western blot analysis of Rictor on HepG2 cell lysates with Rabbit anti-Rictor antibody (NBP3-32903) at 1/500 dilution.

Lysates/proteins at 10 ug/Lane.

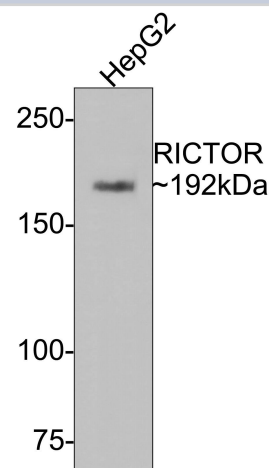
Predicted band size: 192 kDa

Observed band size: 192 kDa

Exposure time: 2 minutes;

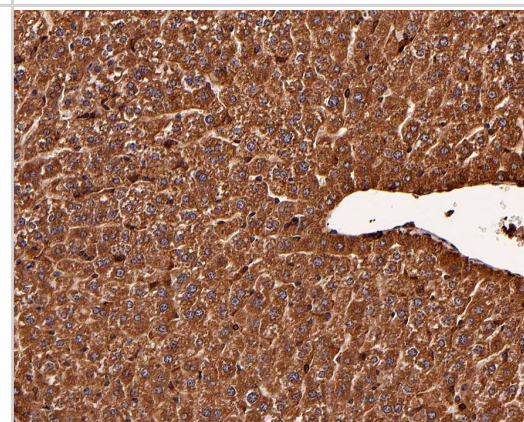
6% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32903) at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



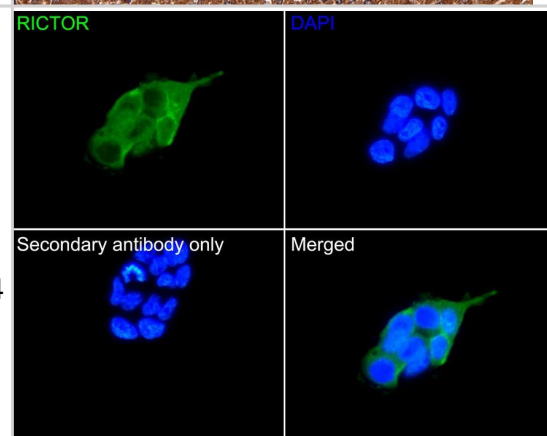
Immunohistochemistry: Rictor Antibody (1A5) [NBP3-32903] - Immunohistochemical analysis of paraffin-embedded mouse liver tissue with Rabbit anti-Rictor antibody (NBP3-32903) at 1/500 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32903) at 1/500 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



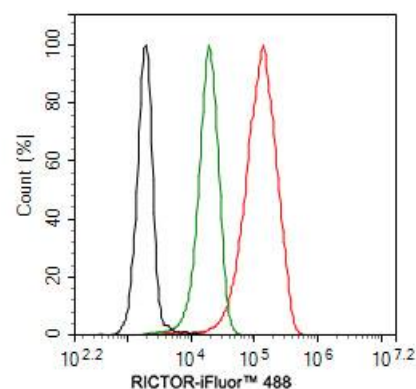
Immunocytochemistry/ Immunofluorescence: Rictor Antibody (1A5) [NBP3-32903] - Immunocytochemistry analysis of A431 cells labeling Rictor with Rabbit anti-Rictor antibody (NBP3-32903) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-Rictor antibody (NBP3-32903) at 1/100 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



Flow Cytometry: Rictor Antibody (1A5) [NBP3-32903] - Flow cytometric analysis of Hela cells labeling Rictor.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32903, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4 °C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4 °C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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