

Product Datasheet

Rictor Antibody (7B3) - BSA Free NBP1-51645

Unit Size: 0.1 ml

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

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NBP1-51645

Rictor Antibody (7B3) - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7B3
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS
Target Molecular Weight	192 kDa

Product Description

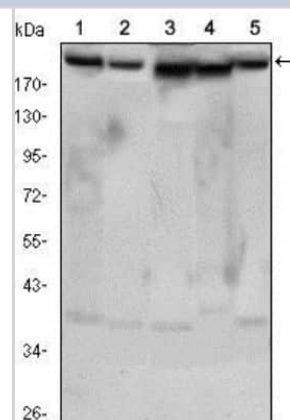
Host	Mouse
Gene ID	253260
Gene Symbol	RICTOR
Species	Human, Mouse, Primate
Immunogen	Purified recombinant fragment of human RICTOR expressed in E. coli. [UniProt# Q6R327]

Product Application Details

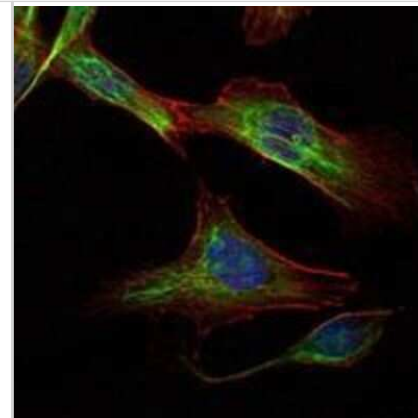
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1 ug per million cells, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000
Application Notes	This RICTOR (7B3) antibody is useful for Western blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry on paraffin-embedded sections and ELISA. The observed molecular weight of the protein in WB may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

Images

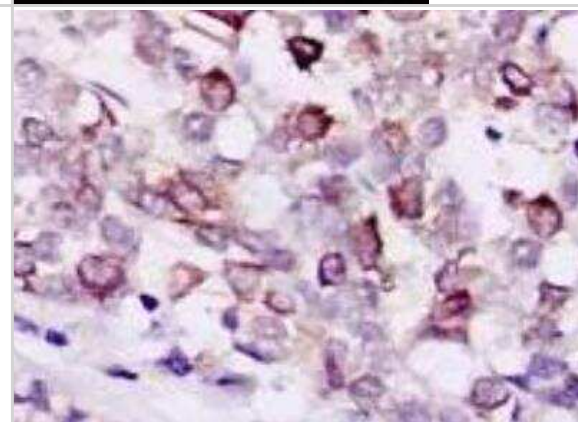
Western Blot: Rictor Antibody (7B3) [NBP1-51645] - Western blot analysis using RICTOR mouse mAb against Hela (1), PANC-1 (2), MOLT4 (3), HepG2 (4) and HEK293 (5) cell lysates.



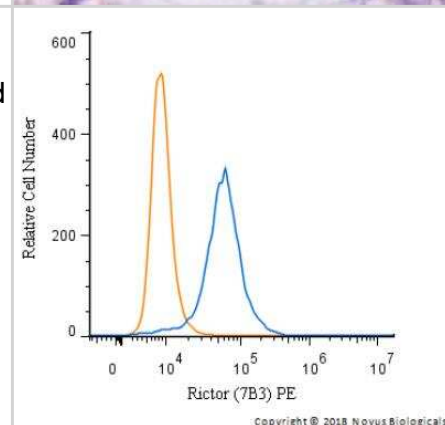
Immunocytochemistry/Immunofluorescence: Rictor Antibody (7B3) [NBP1-51645] - Analysis of NIH/3T3 cells using RICTOR mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



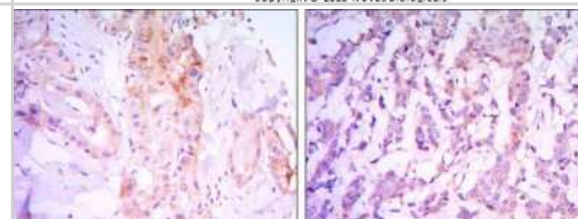
Immunohistochemistry-Paraffin: Rictor Antibody (7B3) [NBP1-51645] - Analysis of paraffin-embedded Human breast carcinoma using Rictor antibody. Antibody dilution 1:200. Image from verified customer review



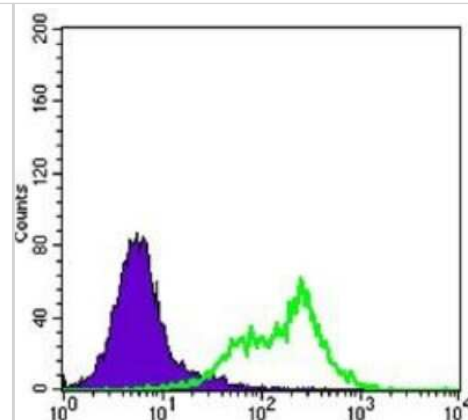
Flow Cytometry: Rictor Antibody (7B3) [NBP1-51645] - An intracellular stain was performed on HeLa cells with Rictor Antibody (7B3) NBP1-51645PE (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Phycoerythrin.



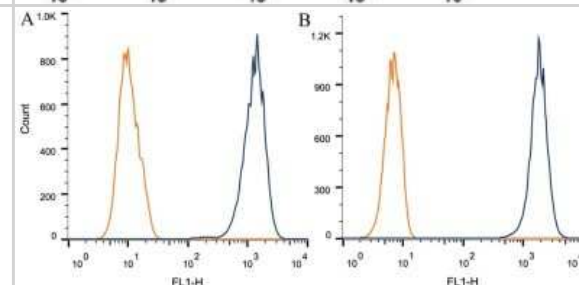
Immunohistochemistry-Paraffin: Rictor Antibody (7B3) [NBP1-51645] - Immunohistochemical analysis of paraffin-embedded thyroid gland tissues (left) and human breast carcinoma (right) using RICTOR mouse mAb with DAB staining.



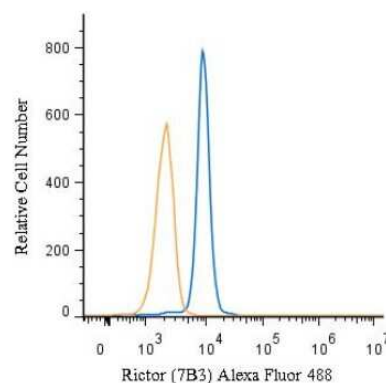
Flow Cytometry: Rictor Antibody (7B3) [NBP1-51645] - Flow cytometric analysis of HeLa cells using RICTOR mouse mAb (green) and negative control (purple).



Flow Cytometry: Rictor Antibody (7B3) [NBP1-51645] - Intracellular flow cytometric staining of 1×10^6 CHO (A) and HEK-293 (B) cells using RICTOR antibody (dark blue). Isotype control shown in orange. An antibody concentration of $1 \mu\text{g}/1 \times 10^6$ cells was used.

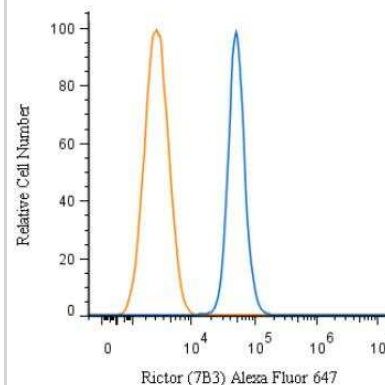


Flow Cytometry: Rictor Antibody (7B3) [NBP1-51645] - An intracellular stain was performed on Jurkat cells with Rictor Antibody (7B3) NBP1-51645AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of $5 \mu\text{g}/\text{mL}$ for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



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Flow Cytometry: Rictor Antibody (7B3) [NBP1-51645] - An intracellular stain was performed on HeLa cells with Rictor Antibody (7B3) NBP1-51645AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of $2.5 \mu\text{g}/\text{mL}$ for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.



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Publications

Ma S, Venkatesh A, Langellotto F et al. Loss of mTOR signaling affects cone function, cone structure and expression of cone specific proteins without affecting cone survival Exp. Eye Res. 2015-04-14 [PMID: 25887293] (IF/IHC, Mouse)

Loganathan S, Kandala PK, Gupta P et al. Inhibition of EGFR-AKT axis results in the suppression of ovarian tumors in vitro and in preclinical mouse model. PLoS One 2012-01-01 [PMID: 22952709] (WB, Human)



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Products Related to NBP1-51645

NBP1-42569	HepG2 Whole Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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