

Product Datasheet

RSK3 Antibody (3C4C8) - BSA Free NBP2-52555

Unit Size: 0.1 mg

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

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NBP2-52555

RSK3 Antibody (3C4C8) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3C4C8
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	83.2 kDa

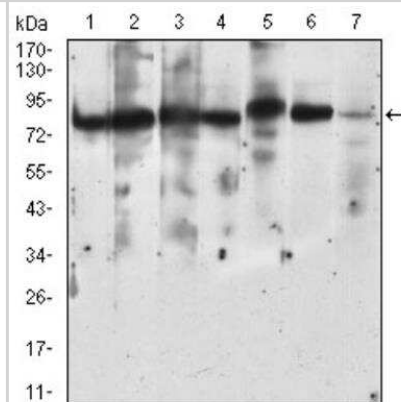
Product Description	
Description	Novus Biologicals Mouse RSK3 Antibody (3C4C8) - BSA Free (NBP2-52555) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-RSK3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6196
Gene Symbol	RPS6KA2
Species	Human, Mouse
Immunogen	Purified recombinant fragment of human RSK3 (AA: 415-734) expressed in E. Coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	This antibody is Cytof ready.

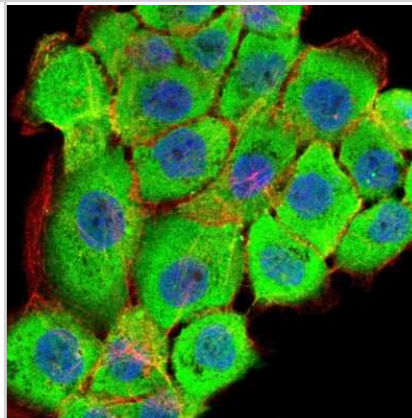


Images

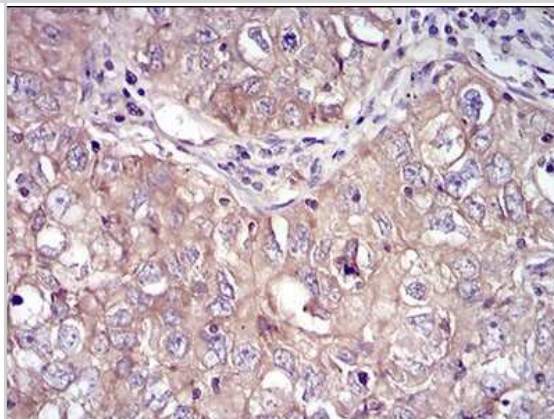
Western Blot: RSK3 Antibody (3C4C8) [NBP2-52555] - Analysis using RSK3 mouse mAb against HeLa (1), A431 (2), HEK293 (3), Jurkat (4), HepG2 (5), MCF-7 (6), NIH/3T3 (7) cell lysate.



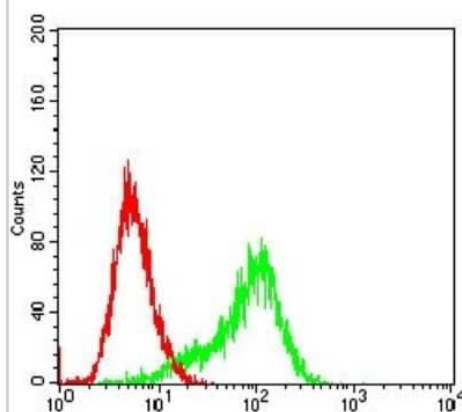
Immunocytochemistry/Immunofluorescence: RSK3 Antibody (3C4C8) [NBP2-52555] - Analysis of A431 cells using RPS6KA2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



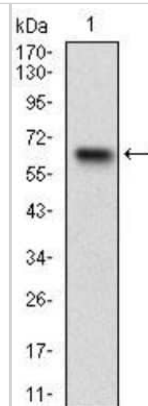
Immunohistochemistry-Paraffin: RSK3 Antibody (3C4C8) [NBP2-52555] - Analysis of paraffin-embedded lung cancer tissues using RPS6KA2 mouse mAb with DAB staining.



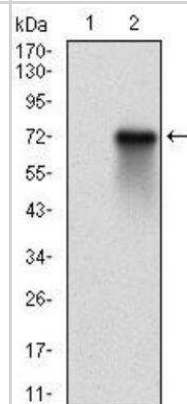
Flow Cytometry: RSK3 Antibody (3C4C8) [NBP2-52555] - Analysis of HeLa cells using RPS6KA2 mouse mAb (green) and negative control (red).



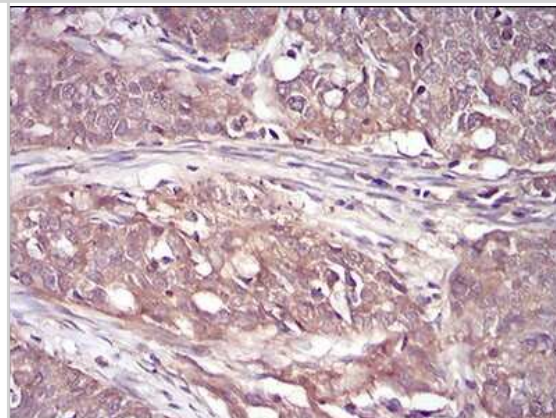
Western Blot: RSK3 Antibody (3C4C8) [NBP2-52555] - Analysis using RPS6KA2 mAb against human RPS6KA2 (AA: 415-734) recombinant protein. (Expected MW is 62 kDa)



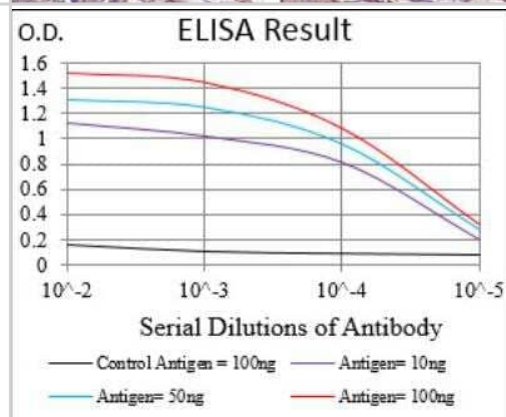
Western Blot: RSK3 Antibody (3C4C8) [NBP2-52555] - Analysis using RPS6KA2 mAb against HEK293 (1) and RPS6KA2 (AA: 415-734)-hlgGfc transfected HEK293 (2) cell lysate.



Immunohistochemistry-Paraffin: RSK3 Antibody (3C4C8) [NBP2-52555] - Analysis of paraffin-embedded cervical cancer tissues using RPS6KA2 mouse mAb with DAB staining.



ELISA: RSK3 Antibody (3C4C8) [NBP2-52555] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng).



Publications

Anju Kumari, Lisa Gesumaria, Yan-Jin Liu, V. Keith Hughitt, Xiaohu Zhang, Michele Ceribelli, Kelli M. Wilson, Carleen Klumpp-Thomas, Lu Chen, Crystal McKnight, Zina Itkin, Craig J. Thomas, Beverly A. Mock, David S. Schrupp, Haobin Chen mTOR inhibition overcomes RSK3-mediated resistance to BET inhibitors in small cell lung cancer JCI Insight 2023-03-08 [PMID: 36883564]



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Products Related to NBP2-52555

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
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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