

Product Datasheet

Ran Antibody (8D1A6) - BSA Free NBP2-61832

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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NBP2-61832

Ran Antibody (8D1A6) - BSA Free

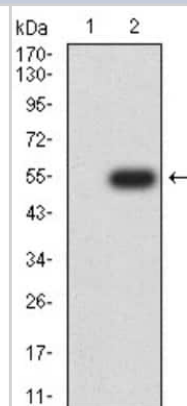
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8D1A6
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	24.4 kDa

Product Description	
Host	Mouse
Gene ID	5901
Gene Symbol	RAN
Species	Human, Mouse, Rat, Monkey
Immunogen	Purified recombinant fragment of human Ran (AA: 1-216) expressed in E. Coli.

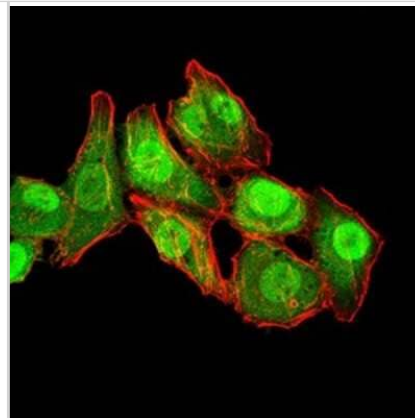
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000

Images

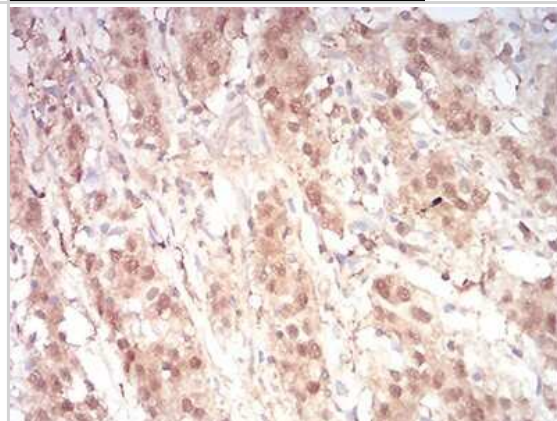
Western Blot: Ran Antibody (8D1A6) [NBP2-61832] - Analysis using RAN mAb against HEK293 (1) and RAN (AA: 1-216)-hIgGFc transfected HEK293 (2) cell lysate.



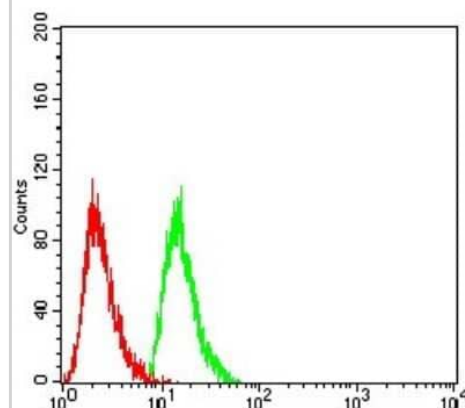
Immunocytochemistry/Immunofluorescence: Ran Antibody (8D1A6) [NBP2-61832] - Analysis of HepG2 cells using RAN mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



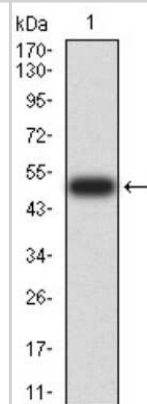
Immunohistochemistry: Ran Antibody (8D1A6) [NBP2-61832] - Analysis of paraffin-embedded stomach cancer tissues using RAN mouse mAb with DAB staining.



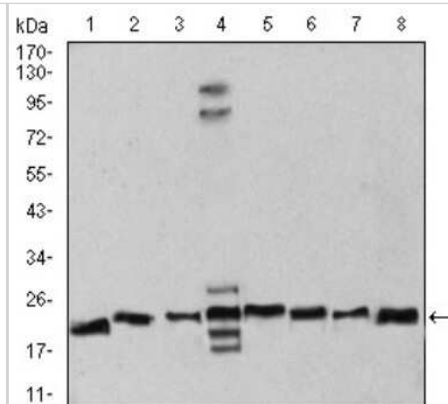
Flow Cytometry: Ran Antibody (8D1A6) [NBP2-61832] - Analysis of Hela cells using RAN mouse mAb (green) and negative control (red).



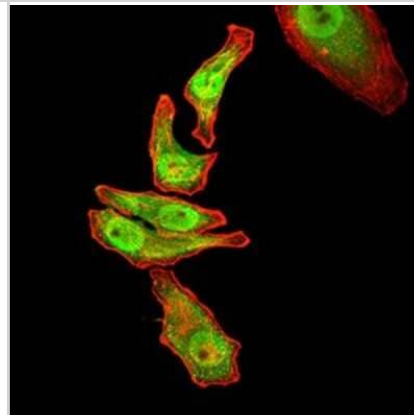
Western Blot: Ran Antibody (8D1A6) [NBP2-61832] - Analysis using RAN mAb against human RAN (AA: 1-216) recombinant protein. (Expected MW is 50.4 kDa)



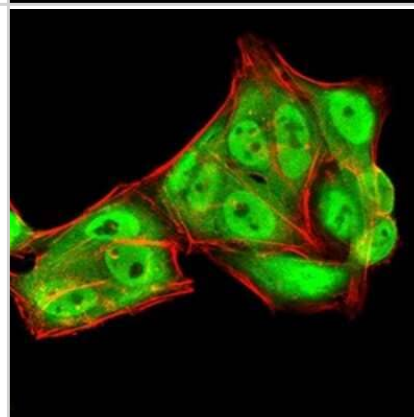
Western Blot: Ran Antibody (8D1A6) [NBP2-61832] - Analysis using RAN mouse mAb against Hela (1), NIH/3T3 (2), A431 (3), C6 (4), Jurkat (5), Hela (6), COS7 (7), and Jurkat (8) cell lysate.



Immunocytochemistry/Immunofluorescence: Ran Antibody (8D1A6) [NBP2-61832] - Analysis of GC-7901 cells using RAN mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H +L) DyLight 488 secondary antibody was used.



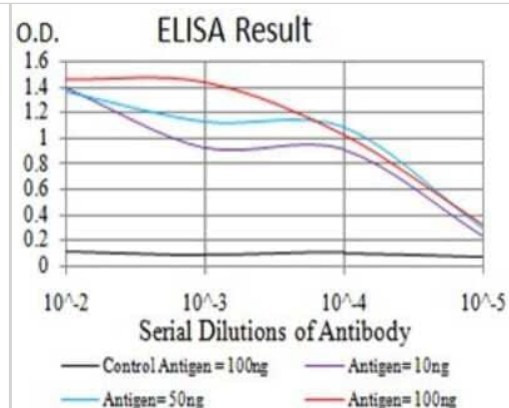
Immunocytochemistry/Immunofluorescence: Ran Antibody (8D1A6) [NBP2-61832] - Analysis of Hela cells using RAN mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



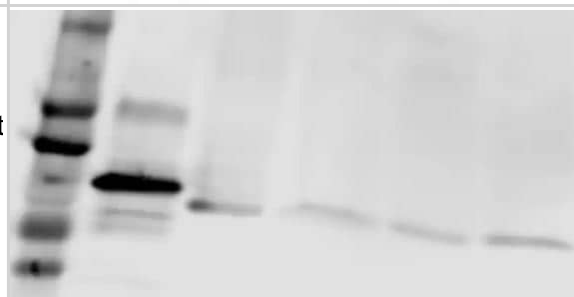
Immunohistochemistry: Ran Antibody (8D1A6) [NBP2-61832] - Analysis of paraffin-embedded cervical cancer tissues using RAN mouse mAb with DAB staining.



ELISA: Ran Antibody (8D1A6) [NBP2-61832] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western Blot: Ran Antibody (8D1A6) [NBP2-61832] - RanGTPase detected with Mouse Monoclonal Ran Antibody (8D1A6) in HEK293T and LNCaP C42. Lanes are labeled as follows: 1. Recombinant protein 2. HEK293T 3. HEK293T constitutively expressing GFP-tagged construct 4. LNCaP C42 5. LNCaP C42. Recombinant RAN protein is loaded with HEK293T and LNCaP C42 prostate cell line. Cell lysates run on a 4-15% mini gel. The ladder is Precision Plus Protein Standards Kaleidoscope. Proteins were detected with a secondary anti-mouse conjugated with Alexa Fluor 680 and detected with infrared scanner. Image from verified customer review.



Publications

Huang T, Yang Y, Song X et al. PRMT6 methylation of RCC1 regulates mitosis, tumorigenicity, and radiation response of glioblastoma stem cells Molecular cell 2021-01-30 [PMID: 33539787]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-61832

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)
NBP1-45255-0.05mg	Recombinant Human Ran His Protein

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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