

# 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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### Publications: 1

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**NBP2-61832**

Ran Antibody (8D1A6) - BSA Free

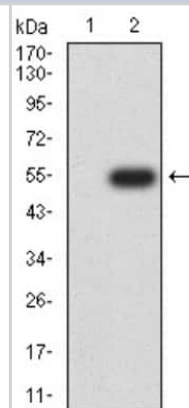
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8D1A6
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	24.4 kDa

Product Description	
Description	Novus Biologicals Mouse Ran Antibody (8D1A6) - BSA Free (NBP2-61832) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-Ran Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

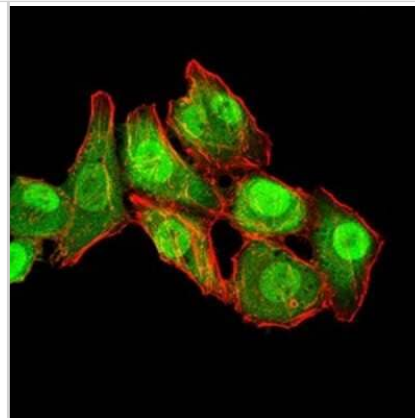
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/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

**Images**

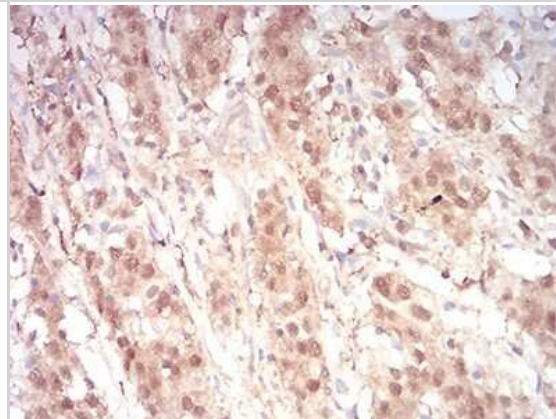
Western Blot: Ran Antibody (8D1A6) [NBP2-61832] - Analysis using RAN mAb against HEK293 (1) and RAN (AA: 1-216)-hlgGfc transfected HEK293 (2) cell lysate.



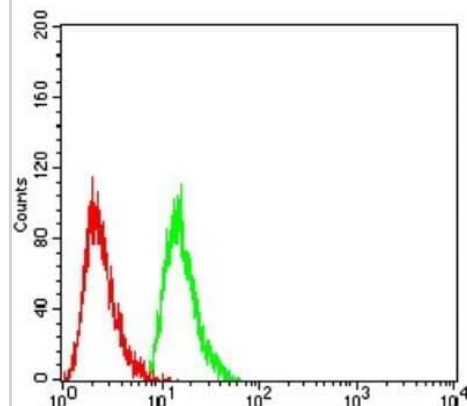
Immunocytochemistry/Immunofluorescence: Ran Antibody (8D1A6) [NBP2-61832] - Analysis of HepG2 cells using RAN mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



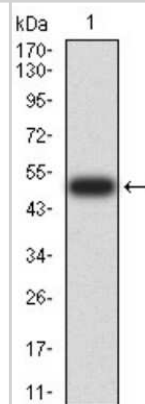
Immunohistochemistry: Ran Antibody (8D1A6) [NBP2-61832] - Analysis of paraffin-embedded stomach cancer tissues using RAN mouse mAb with DAB staining.



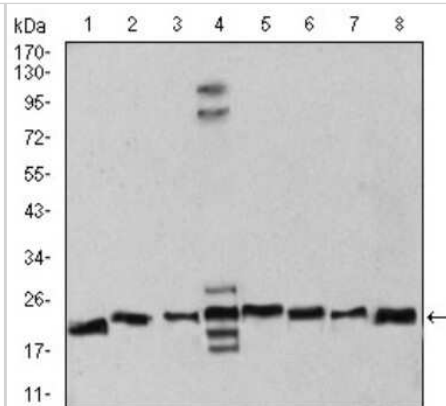
Flow Cytometry: Ran Antibody (8D1A6) [NBP2-61832] - Analysis of Hela cells using RAN mouse mAb (green) and negative control (red).



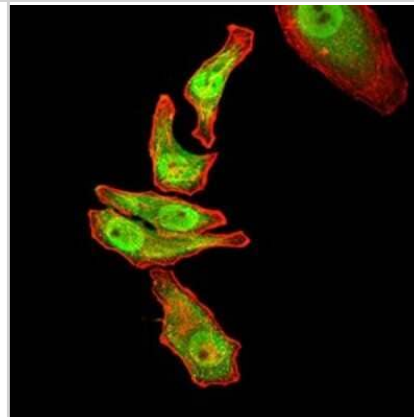
Western Blot: Ran Antibody (8D1A6) [NBP2-61832] - Analysis using RAN mAb against human RAN (AA: 1-216) recombinant protein. (Expected MW is 50.4 kDa)



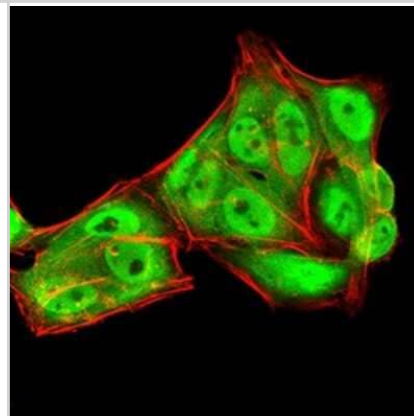
Western Blot: Ran Antibody (8D1A6) [NBP2-61832] - Analysis using RAN mouse mAb against HeLa (1), NIH/3T3 (2), A431 (3), C6 (4), Jurkat (5), HeLa (6), COS7 (7), and Jurkat (8) cell lysate.



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.



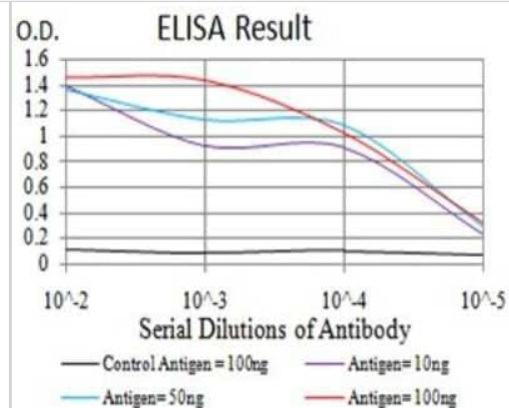
Immunocytochemistry/Immunofluorescence: Ran Antibody (8D1A6) [NBP2-61832] - Analysis of HeLa cells using RAN mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



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]



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### **Products Related to NBP2-61832**

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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)

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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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