

Product Datasheet

Ki67/MKI67 Antibody (8D5) - Azide and BSA Free NBP2-80821

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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NBP2-80821

Ki67/MKI67 Antibody (8D5) - Azide and BSA Free

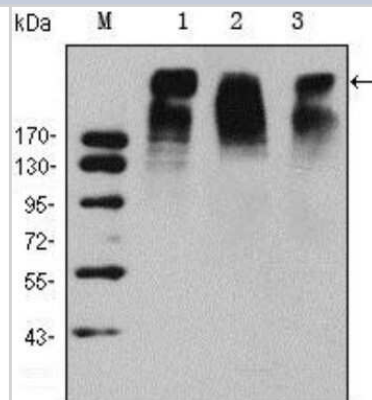
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8D5
Preservative	No Preservative
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS
Target Molecular Weight	359 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse Ki67/MKI67 Antibody (8D5) - Azide and BSA Free (NBP2-22112) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4288
Gene Symbol	MKI67
Species	Human, Mouse, Rabbit
Immunogen	The immunogen for this KI67/MKI67 Antibody (8D5) was made using a synthetic peptide from the internal region of Human KI67/MKI67 (amino acids: 1100-1113, 1222-1235 and 3 more spots); sequence: CEDLAGFKELFQTPG [Uniprot: P46013].

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA 1:10000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100. Use reported by customer review, Immunohistochemistry-Paraffin, Knockout Validated

Images

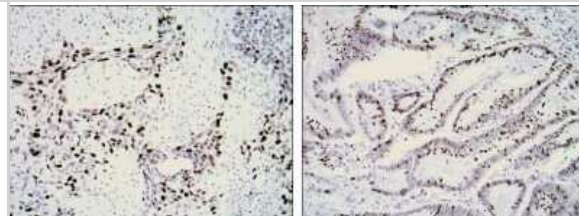
Western Blot: Ki67/MKI67 Antibody (8D5) - Azide and BSA Free [NBP2-80821] - Analysis using Ki67 mouse mAb against Hela (1), MCF-7 (2) and Raji (3) cell lysate. Image from the standard format of this antibody.



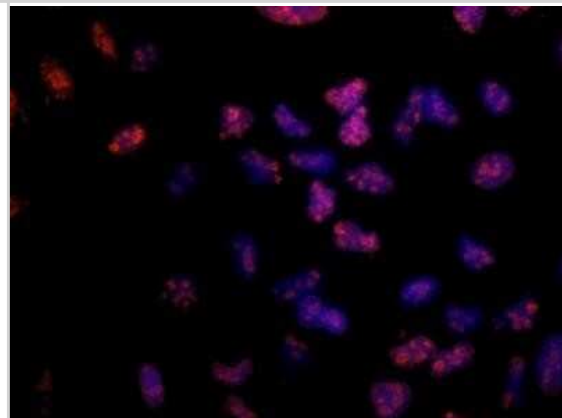
Immunocytochemistry/Immunofluorescence: Ki67/MKI67 Antibody (8D5) - Azide and BSA Free [NBP2-80821] - NIH3T3 cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.5% Triton X-100 in PBS for 5 minutes. The cells were incubated with anti-Ki67/MKI67 Antibody (8D5) NBP2-80821 at 2 ug/ml overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.



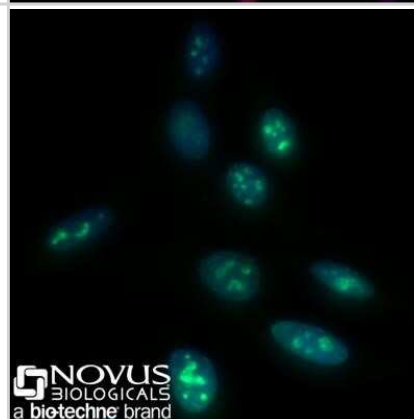
Immunohistochemistry-Paraffin: Ki67/MKI67 Antibody (8D5) - Azide and BSA Free [NBP2-80821] - Analysis of paraffin-embedded lung cancer (left) and rectal cancer (right) using Ki67 mouse mAb with DAB staining. Image from the standard format of this antibody.



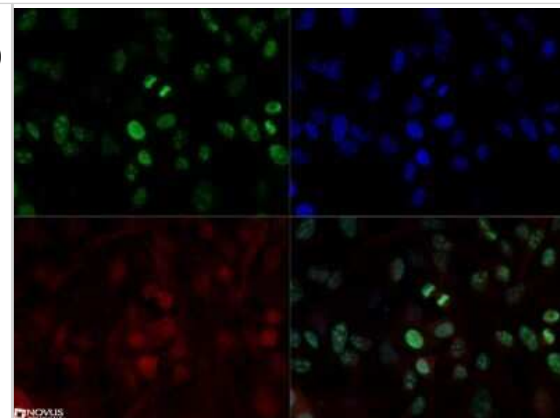
Immunocytochemistry/Immunofluorescence: Ki67/MKI67 Antibody (8D5) - Azide and BSA Free [NBP2-80821] - A549 human alveolar adenocarcinoma cell line, fixation with PFA 4%, blocking (PBS, 1% BSA, 0.1% Tween), primary antibody: 1:100 in blocking buffer, O/N. Secondary antibody: AlexaFluor 594, 1 hour, RT. Counterstained with DAPI. Imaged with a fluorescence microscope. Image from the standard format of this antibody. ICC/IF image submitted by a verified customer review.



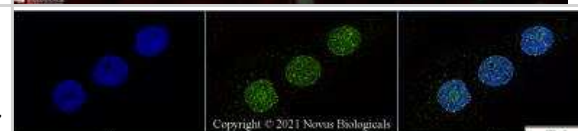
Immunocytochemistry/Immunofluorescence: Ki67/MKI67 Antibody (8D5) - Azide and BSA Free [NBP2-80821] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton X-100. The cells were incubated with anti-Ki-67 (8D5) conjugated to Alexa Fluor 488 [NBP2-22112AF488] at 10ug/ml for 1 hour at room temperature. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



Immunocytochemistry/Immunofluorescence: Ki67/MKI67 Antibody (8D5) - Azide and BSA Free [NBP2-80821] - Ki67 antibody was tested at 1:100 in HeLa cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red). Image objective 40x. Image from the standard format of this antibody.



Immunocytochemistry/Immunofluorescence: Ki67/MKI67 Antibody (8D5) - Azide and BSA Free [NBP2-80821] - A431 cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.5% Triton X-100 in PBS for 5 minutes. The cells were incubated with anti-Ki67/MKI67 Antibody (8D5) NBP2-80821 at 2 ug/ml overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.





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Products Related to NBP2-80821

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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