Product Datasheet

Ki67/MKI67 Antibody (1297A) - Azide and BSA Free
NBP2-80822

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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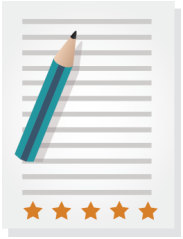
Updated 2/24/2026 v.20.1



NBP2-80822

Ki67/MKI67 Antibody (1297A) - Azide and 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	1297A
Preservative	No Preservative
Isotype	IgG
Purity	Protein A or G purified
Buffer	PBS
Target Molecular Weight	351 kDa

Product Description

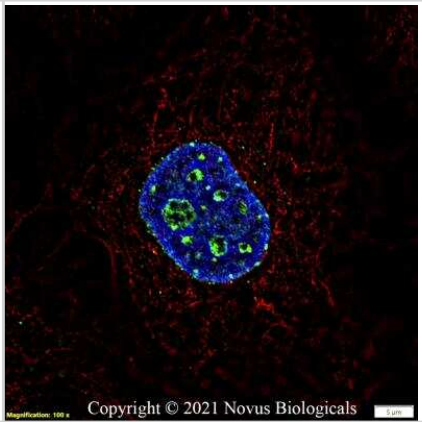
Description	Novus Biologicals Knockout (KO) Validated Rabbit Ki67/MKI67 Antibody (1297A) - Azide and BSA Free (NBP2-54791) is a recombinant monoclonal antibody validated for use in IHC, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4288
Gene Symbol	MKI67
Species	Human, Mouse
Immunogen	The immunogen for this KI67/MKI67 Antibody (1297A) was made using a synthetic peptide from the internal portion of Mouse KI67/MKI67, between amino acids 1850-1950 [UniProt# E9PVX6].

Product Application Details

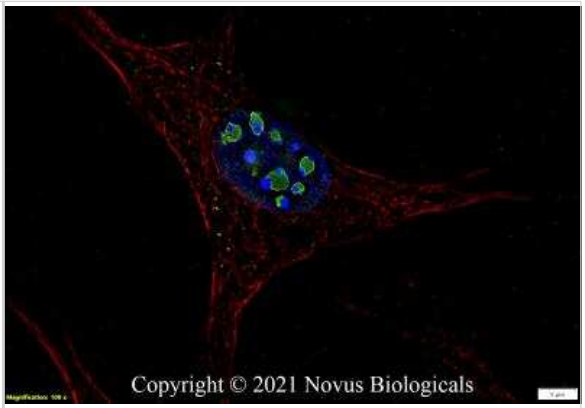
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready, Knockout Validated
Recommended Dilutions	Flow Cytometry 1 ug/ml, Immunohistochemistry 3-15 ug/ml, Immunocytochemistry/ Immunofluorescence 1-10 ug/ml, Immunohistochemistry-Paraffin 3-15 ug/ml, Flow (Intracellular) 1 ug/ml, CyTOF-ready, Knockout Validated

Images

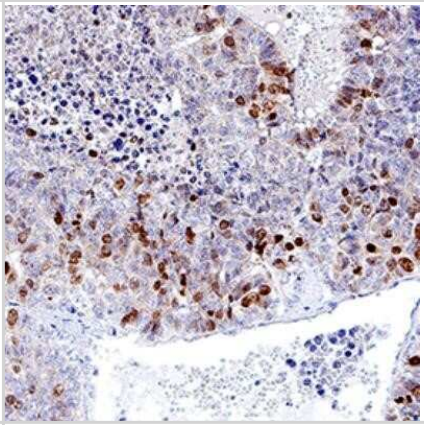
Immunocytochemistry/Immunofluorescence: Ki67/MKI67 Antibody (1297A) - Azide and BSA Free [NBP2-80822] - A431 cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.5% Triton X-100 in PBS for 5 minutes. The cells were incubated with anti-Ki67/MKI67 Antibody (1297A) NBP2-80822 at 2 ug/ml overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:1000 dilution for 60 minutes. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse Dylight 550 (Red) at a 1:1000 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.



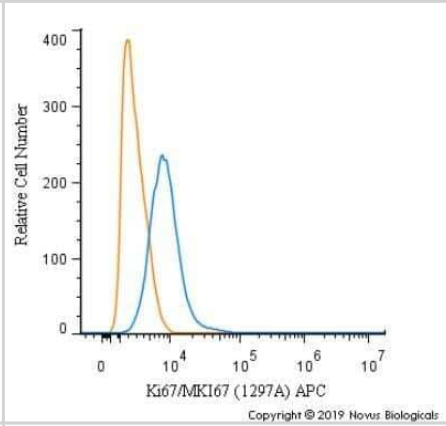
Immunocytochemistry/Immunofluorescence: Ki67/MKI67 Antibody (1297A) - Azide and BSA Free [NBP2-80822] - NIH3T3 cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.5% Triton X-100 in PBS for 5 minutes. The cells were incubated with anti-Ki67/MKI67 Antibody (1297A) NBP2-80822 at 2 ug/ml overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:1000 dilution for 60 minutes. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse Dylight 550 (Red) at a 1:1000 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.



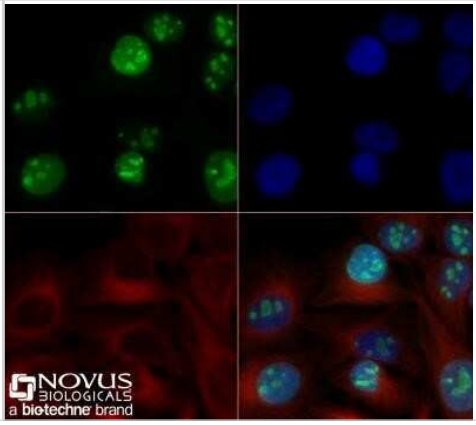
Immunohistochemistry: Ki67/MKI67 Antibody (1297A) - Azide and BSA Free [NBP2-80822] - Ki-67/MKI67 was detected in immersion fixed paraffin-embedded sections of human liver cancer tissue using Rabbit Anti-Human Ki-67/MKI67 Monoclonal Antibody at 3 ug/mL for 1 hour at room temperature followed by incubation with the Anti-Rabbit IgG.



Flow Cytometry: Ki67/MKI67 Antibody (1297A) - Azide and BSA Free [NBP2-80822] - An intracellular stain was performed on HeLa cells with Ki67/MKI67 Antibody [1297A] NBP2-54791APC (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 directly conjugated to Allophycocyanin.



Immunocytochemistry/Immunofluorescence: Ki67/MKI67 Antibody (1297A) - Azide and BSA Free [NBP2-80822] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton X-100. The cells were incubated with anti-Ki67/MKI67 (1297A) at 2.0 ug/mL overnight at 4C and detected with an anti-rabbit DyLight 488 (Green) at a 1:500 dilution. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse DyLight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



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

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NBP2-24891	Rabbit IgG Isotype Control
NB110-89719PEP	Ki67/MKI67 Antibody Blocking Peptide

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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