

Product Datasheet

Ki67/MKI67 Antibody (8D5) [Alexa Fluor® 488] NBP2-22112AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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NBP2-22112AF488

Ki67/MKI67 Antibody (8D5) [Alexa Fluor® 488]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	8D5
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 488
Purity	Ammonium sulfate precipitation
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	4288
Gene Symbol	MKI67
Species	Human, Mouse, Rabbit
Reactivity Notes	Use in Rabbit reported in scientific literature (PMID:33691202). Human reactivity reported in the scientific literature (PMID: 23777661). Rat reactivity reported in scientific literature (PMID: 23447644). Porcine reactivity reported in scientific literature (PMID: 27046485).
Marker	Proliferation Marker
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].
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

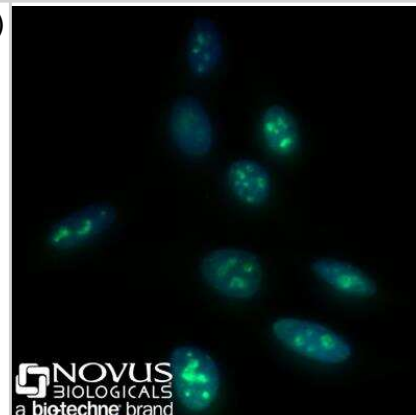
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Knockout Validated



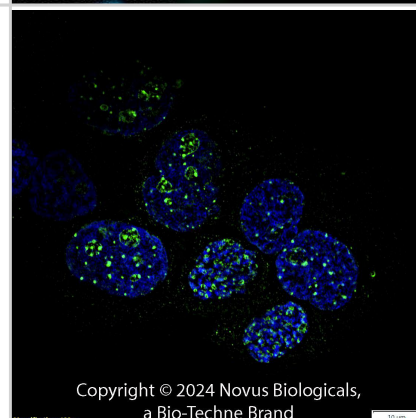
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Knockout Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

Immunocytochemistry/Immunofluorescence: Ki-67/MKI67 Antibody (8D5) [Alexa Fluor 488] [NBP2-22112AF488] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton-X100. 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.



Ki67/MKI67 (8D5) was detected in immersion fixed A431 human skin carcinoma cell line using Mouse anti-Ki67/MKI67 (8D5) Protein-G purified Monoclonal Antibody conjugated to Alexa Fluor® 488 (Catalog # NBP2-22112AF488) (green) at 5 µg/mL overnight at 4C. Cells were counterstained with DAPI (blue). Cells were imaged using a 100X objective and digitally deconvolved.





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Products Related to NBP2-22112AF488

DDXCM01A488	Mouse IgG1 Isotype Control [Alexa Fluor® 488]
NB110-90592PEP	Ki67/MKI67 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
DY7617-05	Ki67/MKI67 [Biotin]

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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