

Product Datasheet

Ki67/MKI67 Antibody NBP3-05538-100ul

Unit Size: 100 ul

Store at 4C.

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NBP3-05538-100ul

Ki67/MKI67 Antibody

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.035% Sodium Azide
Isotype	IgY
Purity	IgY purified
Buffer	Supplied as a concentrated total IgY preparation from egg yolk, dialyzed against PBS with added preservative.

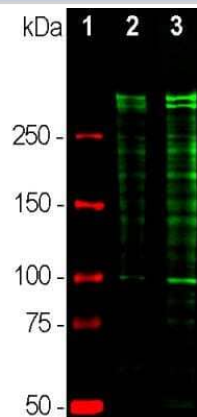
Product Description	
Description	<p>This antibody is supplied as a concentrated total IgY preparation derived from egg yolk. Production involves an initial organic extraction to remove lipids and lipoproteins, followed by salt fractionation of the aqueous phase to precipitate and enrich the IgY fraction. The material is then extensively dialyzed against PBS, and preservative is added during final formulation.</p> <p>Please note that the exact concentration of target-specific IgY cannot be determined, as the final preparation contains both antigen-specific IgY and non-immune IgY.</p>
Host	Chicken
Gene ID	4288
Gene Symbol	MKI67
Species	Human, Mouse, Rat
Immunogen	Mixture of recombinant human Ki67/MKI67 constructs expressing the N-terminal region, amino acids 1-300 and an internal region, amino acids 1111-1490
Notes	Chicken products cannot be exported to Canada.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:5000, Immunocytochemistry/ Immunofluorescence 1:1000-5000

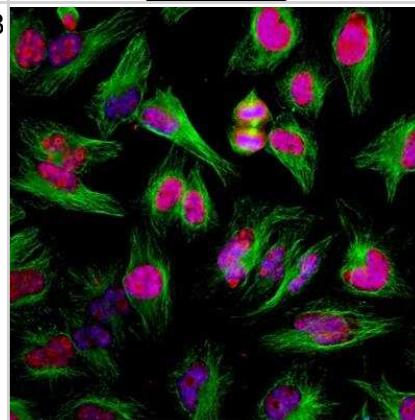


Images

Western Blot: Ki67/MKI67 Antibody [NBP3-05538] - Western blot analysis of equal amounts of cell lysates probed with Ki67/MKI67 Antibody at a dilution of 1:5,000, in green: [1] protein standard (red), [2] rapidly dividing HeLa cell cultures, [3] rapidly dividing HEK293 cell cultures. Strong double bands above 250kDa correspond to the two major Ki67/MKI67 isoforms of molecular weight 345kDa and 395kDa. Since Ki67/MKI67 is a rather unstable and short half life protein multiple proteolytic fragments of the two isoforms are also detected on the blot.



Immunocytochemistry/Immunofluorescence: Ki67/MKI67 Antibody [NBP3-05538] - Immunofluorescent analysis of HeLa cells stained with Ki67/MKI67 Antibody at a dilution of 1:2,000 in red, and mouse mAb to beta-tubulin at a dilution of 1:5,000 in green. The blue is DAPI staining of nuclear DNA. The Ki67/MKI67 antibody detects Ki67/MKI67 protein predominantly expressed in nucleoli of cells in interphase and in mitotic cells Ki67/MKI67 forms a coat around condensed chromosomes. Ki67/MKI67 is not detected in cells in the quiescent G0 state. The beta-tubulin antibody produces strong staining of cytoplasmic microtubules.



Publications

Junjie Kong, Cheng Teng, Fenglan Liu, Xuzhaoyu Wang, Yi Zhou, Ying Zong, Zixin Wan, Jun Qin, Bin Yu, Daguo Mi, Yaxian Wang Enhancing regeneration and repair of long-distance peripheral nerve defect injuries with continuous microcurrent electrical nerve stimulation. *Frontiers in neuroscience* 2023-12-26 [PMID: 38406586]



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Products Related to NBP3-05538-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
NB110-89717PEP	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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