

Product Datasheet

Ki67 Antibody NBP2-19012SS

Unit Size: 0.025 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-19012SS

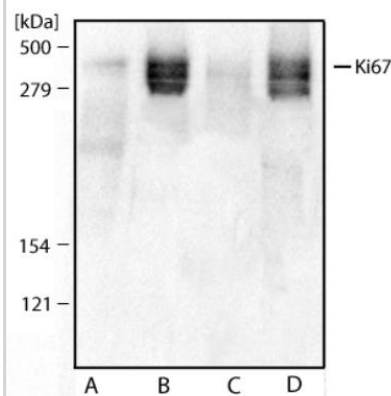
Ki67 Antibody

Product Information	
Unit Size	0.025 mg
Concentration	Please see the vial label for concentration.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Purity	Protein A purified
Buffer	0.2 ml PBS containing 0.05% BSA
Product Description	
Host	Rabbit
Gene ID	4288
Gene Symbol	MKI67
Species	Human
Species Reactivity	The amino acid sequence used as immunogen for this antibody is 100% homologous in human, new world monkey, white-cheeked gibbon, rabbit, sheep, chimpanzee, and orangutan, 85% in cow, guinea pig, and rhesus monkey, 80% in mole rat, 75% in panda, horse, mouse, and rat, and 70% homologous in dog, and chinese hamster.
Marker	Proliferation Marker
Immunogen	A portion of amino acids 1200-1250 from human Ki-67 was used as the immunogen for this antibody.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 0.2 ug/10 ⁶ cells, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 5 ug/ml, Western Blot 2 ug/ml
Application Notes	Ki-67 appears to be limited to the activity phases of the cell-cycle

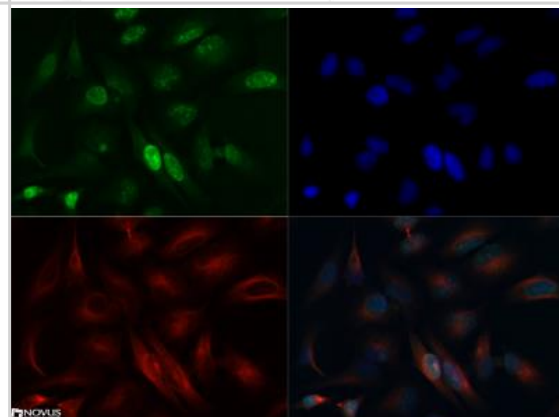


Images

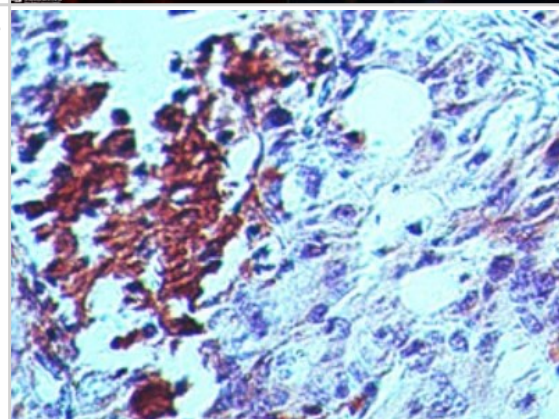
Western Blot: Ki67 Antibody [NBP2-19012] - Western blot analysis of A431 (A), HeLa (B), Ntera2 (C), and HEK293 (D) cell lysate using Ki67 antibody (NBP2-19012) at 2 ug/ml.



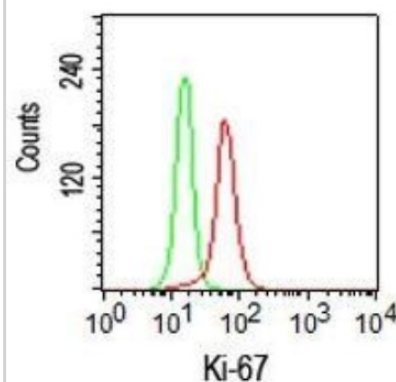
Immunocytochemistry/Immunofluorescence: Ki67 Antibody [NBP2-19012] - Ki67 antibody was tested in HeLa cells with Dylight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red). Image objective 40x. An antibody dilution of 1:10 was used.



Immunohistochemistry-Paraffin: Ki67 Antibody [NBP2-19012] - Formalin-fixed, paraffin-embedded human breast tumor stained with Ki-67 antibody (5 ug/ml), peroxidase-conjugate and DAB chromogen.



Flow Cytometry: Ki67 Antibody [NBP2-19012] - Expression in actively growing Jurkat cells: Cells were stained with 0.2 ug of Ki-67 antibody (red) and isotype control (green) and positively stained population was identified using PE conjugated goat anti-rabbit IgG secondary antibody. Cells fixed and permeabilized using ice cold 70% ethanol were used in this intracellular staining protocol.



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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.

For more information on our guarantee, please visit www.novusbio.com/guarantee.

