

Product Datasheet

Ki67/MKI67 Antibody (5F86) - BSA Free NBP3-05537-100ul

Unit Size: 100 ul

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

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NBP3-05537-100ul

Ki67/MKI67 Antibody (5F86) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5F86
Preservative	0.035% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol

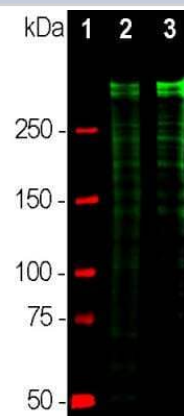
Product Description	
Host	Mouse
Gene ID	4288
Gene Symbol	MKI67
Species	Mouse, Rat
Immunogen	Recombinant construct containing amino acids 956-1322 of the mouse sequence, Accession Number: XP_006507475, expressed in and purified from E. coli.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:5000-10000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:2000-5000

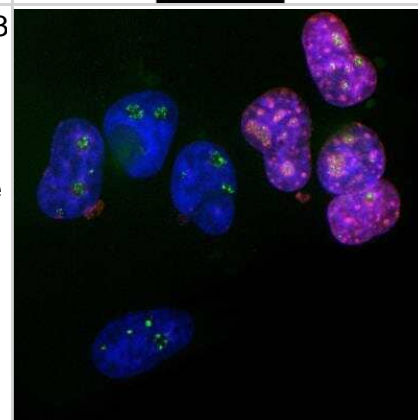


Images

Western Blot: Ki67/MKI67 Antibody [NBP3-05537] - Western blot analysis of equal amounts of cell lysates using Ki67/MKI67 Antibody at a dilution of 1:10,000, (green): [1] protein standard (red), [2] rapidly growing HeLa cell cultures, [3] rapidly growing HEK293 cell cultures. Strong double bands larger than the 250kDa standard correspond to full length 345kDa and 395kDa Ki67/MKI67 isoforms, while smaller proteolytic fragments of these isoforms are also invariably detected on the blot.



Immunocytochemistry/Immunofluorescence: Ki67/MKI67 Antibody [NBP3-05537] - Immunofluorescent analysis of HeLa cells stained with Ki67/MKI67 Antibody at a dilution of 1:5,000 in red, and mouse monoclonal antibody to fibrillarin at a dilution of 1:2,000, in green. The blue is DAPI staining of nuclear DNA. The Ki67/MKI67 protein accumulates in and around the nucleoli of interphase cells such as those on the right, and the nucleoli are revealed by the fibrillarin antibody. In contrast, cells in the quiescent G0 state such as those on the left are Ki67/MKI67 negative but fibrillarin positive.



Publications

Wang X, Xu K, Zhang E et al. Irreversible Electroporation Improves Tendon Healing in a Rat Model of Collagenase-Induced Achilles Tendinopathy The American journal of sports medicine 2023-06-01 [PMID: 37129100]

Iida R, Ueki M, Yasuda T Deficiency of M-LP/Mpv17L leads to development of beta-cell hyperplasia and improved glucose tolerance via activation of the Wnt and TGF-beta pathways Biochimica et biophysica acta. Molecular basis of disease Dec 6 2021 12:00AM [PMID: 34883249] (IHC-P, Mouse)



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Products Related to NBP3-05537-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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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