

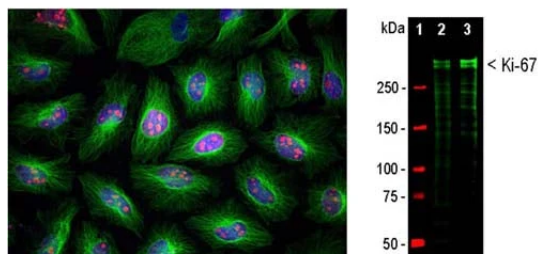
Anti-Ki-67 Antibody



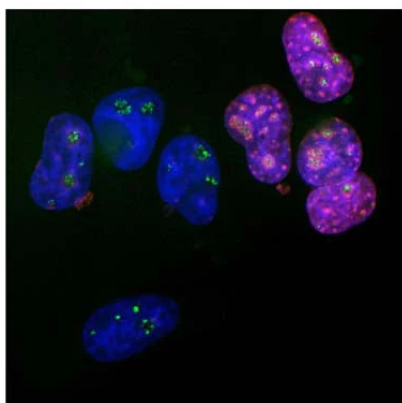
Product Details

Available Variants	100 µL (SKU:R-1806-100)
Conjugate	Unconjugated
Isotype	IgG
Host Species	Rabbit
Format	Whole serum
Physical State	Lyophilized
Buffer	Lyophilized with sodium azide.
Applications	ICC, WB
Dilution Ranges	WB: 1:2000-1:10000 ICC: 1:1000-1:5000
Species Reactivity	Human
Immunogen	Recombinant human Ki-67 protein (amino acids 1,111-1,490) expressed in and purified from <i>E. coli</i> .
Specificity	Reacts with human only. Does not react with mouse or rat.
Storage	Spin vial briefly before opening. Reconstitute with 100 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. Store lyophilized antibody at 2-8°C. After reconstitution divide into aliquots and store at -20°C for long-term storage. Store at 2-8°C short-term (up to 4 weeks) with an appropriate antibacterial agent. Avoid repetitive freeze/thaw cycles.
UniProt ID	<u>P46013</u>
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).

Product Images



Left: **Immunofluorescence** analysis of HeLa cells costained with rabbit antibody to Ki-67 (1:5,000, red) and a mouse antibody to beta-tubulin. Ki-67 is predominantly localized in nucleoli of cells in interphase, while in mitotic cells Ki-67 is associated with condensed chromosomes. Ki-67 is not expressed in cells in quiescent G0 state. Blue: DAPI staining of nuclear DNA. Right: **Western blots** analysis of equal amounts of HeLa (Lane 2) and HEK293 (Lane 3) cell lysates using rabbit antibody to Ki-67 (1:10,000). Double bands above 250 kDa correspond to two major Ki-67 isoforms of molecular weight ~345 and 395 kDa. Smaller fragments of these isoforms are also detected on the blot.



Analysis of Ki67 expression in cultured HeLa cells with rabbit anti-Ki67 antibody (red, 1:5,000), and mouse anti-fibrillarin (M-1372-250, green, 1:2,000) by **Immunocytochemistry**. Blue: DAPI nuclear stain. Ki67 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 negative, but fibrillarin-positive.

Product Page URL: www.antibodiesinc.com/products/anti-ki-67-antibody-r-1806-100

