

## Product Data Sheet: KI-67

**Cat. No:** MAB-94467

Conjugate: Unconjugated

Size: 100 ul
Clone: Mib1

**Concentration:** 1mg/ml

Host: Ms Isotype: IgG1

Immunogen: Nuclei of the Hodgkin lymphoma cell line L428

**Reactivity:** Hu

**Applications:** Immunohistochemistry , Western Blot , Flow Cytometry (QC tested),

Immunocytochemistry

**Purification:** Aff. Pur.

**Synonyms:** KIA, MIB, Marker of proliferation Ki67, MKI67

The mouse monoclonal antibody Ki-67 recognizes Ki-67 antigen, a non-histone

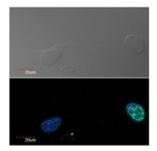
**Background:** nuclear protein expressed exclusively in proliferating cells. Ki-67 antigen is a nuclear

Protein can recognize both isoforms with moelcular weight: 345 kDa and 395 kDa.

Form: Liquid

**Buffer:** Phosphate buffered saline (PBS) solution with 15 mM sodium azide

**Storage:** Store at 2-8°C. Do not freeze. For longer term store at: -20°C



Immunocytochemistry detection of Ki-67 in U2OS cell line (human osteosarcoma) using monoclonal antibody Ki-67 (green).
Cell nuclei stained with DAPI (blue)

## References

Schlüter C, Duchrow M, Wohlenberg C, Becker MH, Key G, Flad HD, Gerdes J: The cell proliferation-associated antigen of antibody Ki-67: a very large, ubiquitous nuclear protein with numerous repeated elements, representing a new kind of cell cycle-maintaining proteins. J Cell Biol. 1993 Nov;123(3):513-22.

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Duchrow M, Schlüter C, Key G, Kubbutat MH, Wohlenberg C, Flad HD, Gerdes J: Cell proliferation-associated nuclear antigen defined by antibody Ki-67: a new kind of cell cycle-maintaining proteins. Arch Immunol Ther Exp (Warsz). 1995;43(2):117-21.



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## PubMed

Gerdes J, Lemke H, Baisch H, Wacker HH, Schwab U, Stein H: Cell cycle analysis of a cell proliferation-associated human nuclear antigen defined by the monoclonal antibody Ki-67. J Immunol. 1984 Oct;133(4):1710-5.

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Gerdes J, Schwab U, Lemke H, Stein H: Production of a mouse monoclonal antibody reactive with a human nuclear antigen associated with cell proliferation. Int J Cancer. 1983 Jan 15;31(1):13-20.

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