

# Anti-Ki67 Antibody

## RT1349



<b>Product Type:</b>	Rabbit polyclonal IgG, primary antibodies
<b>Species reactivity:</b>	Human
<b>Applications:</b>	WB, IP, IF, IHC-P
<b>Molecular Wt:</b>	395/345kDa

**Description:** Ki-67 is a nuclear protein that is expressed in proliferating cells and may be required for maintaining cell proliferation. Ki-67 has been used as a marker for cell proliferation of solid tumors and some hematological malignancies. A correlation has been demonstrated between Ki-67 index and the histopathological grade of neoplasms. Assessment of Ki-67 expression in renal and ureter tumors shows a correlation between tumor proliferation and disease progression, thus making it possible to differentiate high-risk patients. Ki-67 expression may also prove to be important for distinguishing between malignant and benign peripheral nerve sheath tumors.

**Immunogen:** Amino acids 2641-2940 mapping at the C-terminus of Ki-67 of human origin.

**Positive control:** MCF7, Ki67.

**Subcellular location:** Nucleus, Chromosome

**Database links:** SwissProt: P46013 Human

### Recommended Dilutions:

<b>WB</b>	1:100-1:1,000
<b>IP</b>	1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)
<b>IF</b>	1:50-1:500
<b>IHC-P</b>	1:50-1:500

**Storage Buffer:** 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

**Storage Instruction:** Store at +4°C

**Purity:** Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

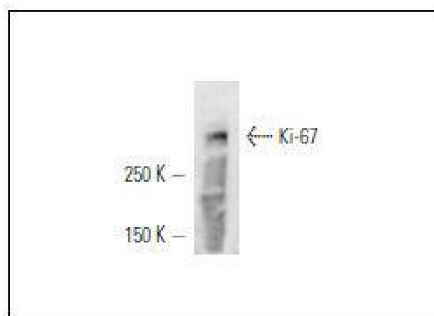
Orders:0086-571-88062880

Technical:0086-571-89986345

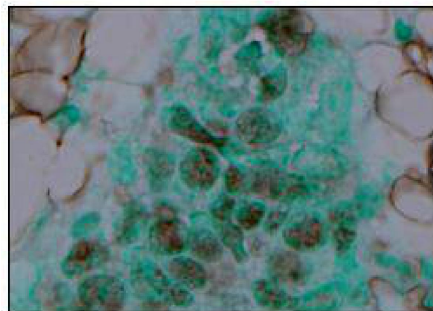
Service mail:support@huabio.cn

华安生物  
HUABIO  
www.huabio.cn

## Images



**Fig1:** Western blot analysis of Ki-67 expression in MCF7 nuclear extract.



**Fig2:** Nuclear Ki67 in mouse mammary gland (60X microscopic magnification in oil). Dilution 1:50 in dilution buffer (0.05% BSA in PBS) Blocking: 0.1% BSA in PBS at room temp.

**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

## Background References

1. Ren, G., et al. 2012. A micro-RNA connection in BRAf(V600E)-mediated premature senescence of human melanocytes. *Int. J. Cell Biol.* 2012: 913242.
2. Lee, J.S., et al. 2012. Generation of cancerous neural stem cells forming glial tumor by oncogenic stimulation. *Stem Cell Rev.* 8: 532-545.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

华安生物  
HUABIO  
www.huabio.cn