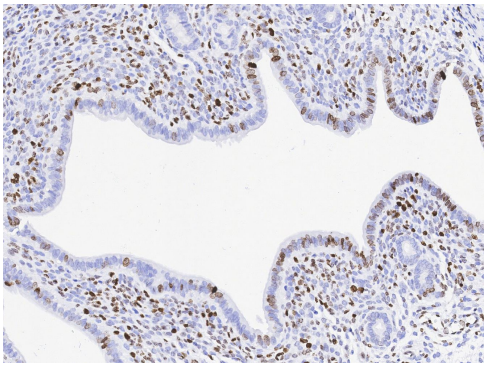
产品说明书

ki67

货号：ABB00008



产品名称	ki67
来源宿主	Rabbit
反应种属	Mouse, Rat, Human
克隆类型	Rabbit monoclonal
克隆号	00-02
同种型	IgG
标记	unconjugated
纯化方式	Protein A affinity purified
形式	Liquid
存储溶液	PBS (pH7.4),0.05% BSA,40% Glycerol. Preservative: 0.05% Sodium Azide.Stable for 12 months.
存储方式	Store at +4℃ after thawing. Aliquot store at -20℃. Avoid repeated freeze / thaw cycles.Stable for 12 months.
应用	IHC-P,IF-Tissue,mIHC,IF-Cell,FC,IHC-Fr
使用方法	IHC-P 1：500-1：2000 ， IF-Tissue 1：100-1：500， mIHC 1：500-1：2000，IF-Cell 1：100-1：500，FC 1：100-1：250，IHC-Fr 1：100-1：500
有效期	one year
别名	Proliferation marker protein Ki-67 ,MKI67
免疫原	Synthetic peptide within human Ki67 aa 1,040-1,080
SwissProt	P46013
细胞定位	Nucleus, Chromosome.
产品介绍	The Ki-67 protein is a nuclear protein doublet, 345-395 kDa, playing a pivotal role in maintaining cell proliferation. Ki-67 is present in all non-G0 phases of the cell cycle. Beginning in the mid G1, the level increases through S and G2 to reach a peak in M. In the end of M, is is rapidly catabolized. The Ki-67 labelling index (LI), i.e., the percentage of cells in a tissue staining for Ki-67, indicates the growth fraction. For many tumours, the rate of cell proliferation as assessed by Ki-67 immunoreactivity correlates with tumour grade and clinical course. In Non-Hodgkin lymphoma a labelling index of less than 20% is seen in low grade lymphomas, greater than 20% is associated with high grade lymphomas. Low grade lymphomas with a labelling index in excess of 5% have a worse prognosis than those with an index of less than 5%. In Burkitt and Burkitt-like lymphoma, nearly 100% of the nuclei are stained. This can be used as a diagnostic criterion. In gliomas the indices ranges from 0% to 5% for low grade astrocytomas while anaplastic astrocytomas and glioblastomas most frequently show an index above 10%. In soft tissue sarcomas Ki-67 index is positively correlated with mitotic count, cellularity and histological grade. In some benign tumours, like meningioma, a high LI is associated with a high recurrence rate. In dysplasia in Barrett's oesophagus and in granulosa cell tumours and ovarian serous tumours, Ki-67 LI is associated with progression. In the former, reproducibility of dysplasia grading is improved when Ki67 is included. In breast cancer, the proliferative index measured by Ki67 immunoreactivity has both prognostic and predictive value.

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