

Rabbit Anti-Ki67 [EP5]: RM0116

Intended Use: For Research Use Only

Description: The antibody labels Ki-67, a proliferation-associated nuclear protein expressed during all active phases of the cell cycle. Quantitative determination of the fraction of cells which stain positive for the Ki-67 nuclear antigen has been demonstrated to be a highly accurate way of assessing the fraction of proliferating cells within a given tissue. Estimation of the cell proliferation index in tumor cells is valuable as a prognostic indicator.

Specifications

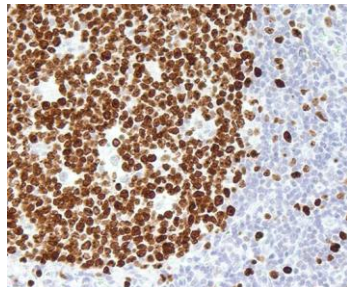
Clone: EP5
 Source: Rabbit
 Isotype: IgG
 Reactivity: Human
 Localization: Nucleus
 Formulation: Purified antibody in 0.2% BSA and 15mM sodium azide (NaN₃)
 Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
 Applications: IHC
 Package:

Description	Catalog No.	Size
Ki67 Concentrated	RM0116	1 ml

IHC Procedure*

Positive Control Tissue: Tonsil, breast cancer
 Concentrated Dilution: 50-200
 Pretreatment: EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
 Incubation Time and Temp: 30-60 minutes @ RT
 Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human tonsil stained with anti-Ki67 using DAB

References:

1. Menstrual cycle could affect Ki67 expression in estrogen receptor-positive breast cancer patients. Horimoto Y, et al. J Clin Pathol. Oct;68(10):825-9, 2015.
2. Overexpression and amplification of Murine double minute 2 as a diagnostic tool in large lipomatous tumor and its correlation with Ki67 proliferation index: an institutional experience. Putri RI, et al. Indian J Pathol Microbiol. 2014 Oct-Dec;57(4):558-63, 2014.
3. Correlation of cervical intraepithelial neoplasia with expressions of p16 and Ki67 in exfoliated cervical cells in fluid-based thin-layer samples. You K, et al. Eur J Gynaecol Oncol. 2013;34(6):535-9, 2013.