

Rabbit Anti-Ki67 [SP6]: RM0255, RM0255RTU7

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: SP6
 Source: Rabbit
 Isotype: IgG
 Localization: Nucleus
 Reactivity: Human, mouse, rat, common marmoset
 Formulation: Purified antibody in PBS 7.4, containing BSA and ≤ 0.09% sodium azide (NaN₃)
 Storage: Store at 2°- 8°C
 Applications: IHC, ICC/IF, WB
 Package:

Description	Catalog No.	Size
Ki67 Concentrated	RM0255	1 ml
Ki67 Prediluted	RM0255RTU7	7 ml

IHC Procedure*

Positive Control Tissue: Tonsil, breast cancer
 Concentrated Dilution: 50-100
 Pretreatment: Citrate pH6.0, 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 testis stained with anti-Ki67 using DAB

References:

1. Systematic dissection of phenotypic, functional, and tumorigenic heterogeneity of human prostate cancer cells. Liu X, et al. Oncotarget 6:23959-86, 2015.
2. Tumor-secreted Hsp90 subverts polycomb function to drive prostate tumor growth and invasion. Nolan KD, et al. J Biol Chem 290:8271-82, 2015.
3. TLR9 ligation in pancreatic stellate cells promotes tumorigenesis. Zambirinis CP, et al. J Exp Med 212:2077-94, 2015.
4. Targeted inhibition of tumor-specific glutaminase diminishes cell-autonomous tumorigenesis. Xiang Y, et al. J Clin Invest 125:2293-306, 2015.
5. Inducible in vivo genome editing with CRISPR-Cas9. Dow LE, et al. Nat Biotechnol 33:390-4, 2015.