

Anti-Ki67 Antibody [MKI67/4947R] (A278028)

Specifications:

Name:	Anti-Ki67 Antibody [MKI67/4947R]
Description:	Recombinant rabbit monoclonal [MKI67/4947R] antibody to Ki67.
Specificity:	<p>Ki-67 antigen is a nuclear, non-histone protein that is present in all stages of the cell cycle except G0. This characteristic makes Ki-67 an excellent marker for proliferating cells and is commonly used as one of the prognostic factors in cancer studies. A correlation has been demonstrated between Ki-67 index and the histo-pathological grade of neoplasms.</p> <p>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. Ki-67 labeling index has been shown to be a prognostic marker in a number of neoplasms including grade II astrocytoma, oligodendroglioma, colon carcinoma, and breast carcinoma. In general, Ki-67 is a good marker of proliferating cell populations.</p>
Applications:	IHC-P
Recommended Dilutions:	IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 2,293-2,478, of human Ki67 protein. The exact sequence is proprietary.
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	MKI67/4947R
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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Specifications continued:

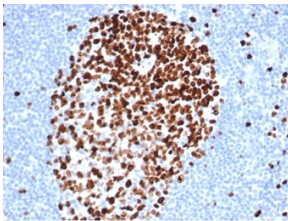
General Notes:

This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Ki67 Antibody [MKI67/4947R] - BSA and Azide free (A278616).

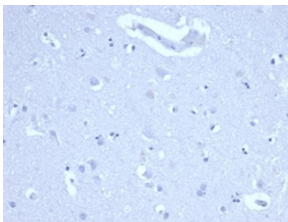
Disclaimer:

This product is for research use only. It is not intended for diagnostic or therapeutic use.

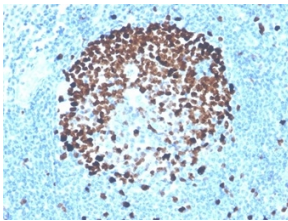
Images:



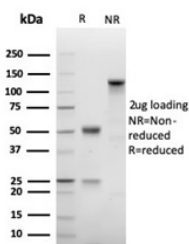
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human tonsil tissue using Anti-Ki67 Antibody [MKI67/4947R].



Negative Tissue Control: Immunohistochemical analysis of formalin-fixed, paraffin-embedded human brain using Anti-Ki67 Antibody [MKI67/4947R] at 2µg/ml in PBS for 30 minutes at room temperature.



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human tonsil tissue using Anti-Ki67 Antibody [MKI67/4947R].



SDS-PAGE analysis of Anti-Ki67 Antibody [MKI67/4947R] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.