

Mouse anti-Human Ki-67 Monoclonal Antibody | anti-MKI67 antibody

Ki-67 (Proliferating Cell Marker) Recombinant Mouse Monoclonal Antibody [Clone rMKI67/6499]

CATALOG # AAA215805	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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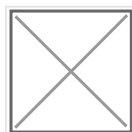
PRODUCT SYNONYMS

Ki-67; Monoclonal Antibody; Ki-67 (Proliferating Cell Marker) Recombinant Mouse Monoclonal Antibody [Clone rMKI67/6499]; Ki-67 (Proliferating Cell Marker); KI-67; Ki67; KI-67 Antigen (KIA); MKI67; Proliferation related Ki-67 antigen; anti-MKI67 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2a, kappa
Clone Number	rMKI67/6499
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-MKI67 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant human Ki67 protein fragment (around aa 2293-2478) (exact sequence is proprietary)
Cellular Localization	Nuclear
Positive Control	Any actively proliferating cells. Human skin, tonsil or lymph node.
Hu-chromosome Location	10q26.2
Unigene	689823
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human tonsil stained with Ki67 Recombinant Mouse Monoclonal Antibody (rMKI67/6499).

ADDITIONAL INFORMATION

Related Product Information for anti-MKI67 antibody	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225543215
NCBI GeneID	4288
NCBI Accession #	NP_001139438.1
NCBI GenBank Nucleotide #	NM_001145966.1
UniProt Accession #	P46013; Q5VWH2
Molecular Weight	358,694 Da
NCBI Official Full Name	antigen KI-67 isoform 2
NCBI Official Synonym Full Names	antigen identified by monoclonal antibody Ki-67
NCBI Official Symbol	MKI67
NCBI Official Synonym Symbols	KIA
NCBI Protein Information	antigen KI-67; proliferation-related Ki-67 antigen
UniProt Protein Name	Antigen KI-67
UniProt Gene Name	MKI67
UniProt Entry Name	KI67_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ki-67-antibody-clone-rmki67-6499-immunohistochemistry-elisa/215805>