

Mouse anti-Cow, Human Ki-67 Monoclonal Antibody | anti-Ki-67 antibody

Anti-Ki-67 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128647	Mouse	Cow, Human	Immunocytochemistry, Immunohistochemistry, Western Blot, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

Ki-67; Monoclonal Antibody; Anti-Ki-67 Purified; marker of proliferation Ki-67; KIA; MIB; Marker of proliferation Ki67; MKI67; anti-Ki-67 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Cow, Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	Ki-67
Specificity	The mouse monoclonal antibody Ki-67 recognizes Ki-67 antigen, a non-histone nuclear protein expressed exclusively in proliferating cells.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	2896
Applicable Applications for anti-Ki-67 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot), FCM/FACS (Flow Cytometry)
Immunogen	Nuclei of the Hodgkin lymphoma cell line L428
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-Ki-67 antibody	Ki-67 is a highly protease-sensitive nuclear protein expressed in two isoforms (345 kDa and 395 kDa), both of which are identified by the antibody clone Ki-67. The Ki-67 antigen is essential for cell proliferation and its expression is restricted to the cycling cells. It is detected in G1, S, G2 and M phase, whereas it is absent in cells which are in G0 phase and it is not associated with DNA repair processes. Ki-67 thus represents an important tool for detection of proliferating cells, which is of great importance in tumor identification and is commonly used as a prognostic factor in cancer studies.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225543215
NCBI GeneID	4288
NCBI Accession #	NP_001139438.1
NCBI GenBank Nucleotide #	NP_001139438.1
UniProt Accession #	P46013

NCBI Official Full Name	proliferation marker protein Ki-67 isoform 2
NCBI Official Synonym Full Names	marker of proliferation Ki-67
NCBI Official Symbol	MKI67
NCBI Official Synonym Symbols	KIA; MIB-; MIB-1; PPP1R105
NCBI Protein Information	proliferation marker protein Ki-67
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ki-67-antibody-clone-ki-67-immunocytochemistry-immunohistochemistry-western-blot-flow-cytometry-elisa/128647>