

Mouse anti-Human Ki67 Monoclonal Antibody | anti-Ki67 antibody

Ki67

CATALOG # AAA76613	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot, Immunocytochemistry
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PRODUCT SYNONYMS

Ki67; Monoclonal Antibody; anti-Ki67 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Liquid
Sequence Length	2896
Applicable Applications for anti-Ki67 antibody	IF (Immunofluorescence), WB (Western Blot), ICC (Immunocytochemistry)
Immunogen	Recombinant construct containing the 2nd, 3rd and 4th Ki67 repeats of the human sequence (amino acids 1,111-1,490) expressed in and purified from E Coli.

IMAGES



WB (Western Blot)

Western blot analysis of equal amounts of cell lysates using mouse mAb to Ki67, MO22178, dilution 1:2,000.



IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells stained with mouse mAb to Ki67, MO22178, dilution 1:2,000 (red). The blue is DAPI staining of nuclear DNA.

ADDITIONAL INFORMATION

Related Product Information for anti-Ki67 antibody

The Ki67 proteins were first discovered in an attempt to generate cancer specific monoclonal antibodies. A monoclonal antibody which bound to structures in the nuclei of dividing but not quiescent cells was produced and shown to bind two very large proteins of molecular weight 345kDa and 395kDa. The two proteins were derived from alternate transcripts of a single gene. The presence of Ki67 proteins, detected with an appropriate antibody, is an indicator of cell proliferation and the level of Ki67 expression is one of the most reliable biomarkers of proliferative status of cancer cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	225543215
NCBI GeneID	4288

NCBI Accession #	NP_001139438.1
NCBI GenBank Nucleotide #	NM_001145966.1
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ki67-antibody-immunofluorescence-western-blot-immunocytochemistry-elisa/76613>