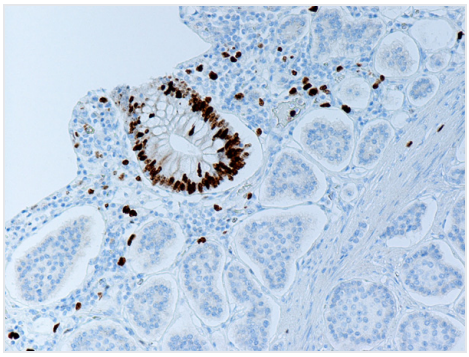
KI67 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Ki67, Polyclonal Antibody
Full Product Name	Ki67 Antibody
Product Gene Name	anti-Ki67 antibody
Product Synonym Names	antigen identified by monoclonal antibody Ki-67; Antigen KI-67; KI67; KIA; MKI67; proliferation-related Ki-67 antigen
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Concentration	1.0 mg/ml (lot specific)
Specificity	Ki67 Antibody detects endogenous levels of Ki67
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	319,444 Da
OMIM	176741
3D Structure	ModBase 3D Structure for P46013
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human Ki67
Target Name	Ki67
Product Categories/Family for anti-Ki67 antibody	Total protein Ab
Applications Tested/Suitable for anti-Ki67 antibody	Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)
Related Product Information for anti-Ki67 antibody	MBS9414007 is an antibody targeting Ki67. Also known as Ki67 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-Ki67 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Testing Data of anti-Ki67 antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Ki67. It may not necessarily be applicable to this product.

NCBI GI #	225543215
NCBI GeneID	4288
NCBI Accession #	NP_001139438.1
UniProt Primary Accession #	P46013
UniProt Secondary Accession #	Q5VWH2
UniProt Related Accession #	P46013
GenBank Nucleotide #	NM_001145966.1
NCBI Official Full Name	antigen 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
UniProt Protein Name	Antigen KI-67
Protein Family	Proliferation marker protein
UniProt Gene Name	MKI67
UniProt Entry Name	KI67_HUMAN
NCBI Protein Information	antigen KI-67
NCBI Summary for Ki67	This gene encodes a nuclear protein that is associated with and may be necessary for cellular proliferation. Alternatively spliced transcript variants have been described. A related pseudogene exists on chromosome X. [provided by RefSeq, Mar 2009]

UniProt Comments for Ki67	KI-67: a protein that may be a marker of proliferating cells, involved in chromatin compaction. Its expression is altered in many tumor types including osteosarcomas, histiocytomas, prostate, breast and esophageal cancers. Mutated in colon, cervical and lung cancers. Protein type: Cell cycle regulation; Nucleolus Chromosomal Location of Human Ortholog: 10q26.2 Cellular Component: membrane; cytoplasm; nucleolus; condensed chromosome; nucleus; chromosome, pericentric region Molecular Function: protein C-terminus binding; protein binding; ATP binding Biological Process: meiosis; cell proliferation
Research Articles on Ki67	**1.** No associations were found between Ki67 expression and histological grade in breast neoplasms.
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