



Ki-67 rabbit pAb

Cat No.:ES2673

For research use only

Overview

Product Name	Ki-67 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Ki67. AA range:3207-3256
Specificity	Ki-67 Polyclonal Antibody detects endogenous levels of Ki-67 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Antigen KI-67
Gene Name	MKI67
Cellular localization	Chromosome . Nucleus . Nucleus, nucleolus . Associates with the surface of the mitotic chromosome, the perichromosomal layer, and covers a substantial fraction of the mitotic chromosome surface (PubMed:27362226). Associates with satellite DNA in G1 phase (PubMed:9510506). Binds tightly to chromatin in interphase, chromatin-binding decreases in mitosis when it associates with the surface of the condensed chromosomes (PubMed:15896774, PubMed:22002106). Predominantly localized in the G1 phase in the perinucleolar region, in the later phases it is also detected throughout the nuclear interior, being predominantly localized in the nuclear matrix (PubMed:22002106). .
Purification	The antibody was affinity-purified from rabbit





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Clonality

antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration

Polyclonal

Observed band

1 mg/ml

Observed band

360kD

Human Gene ID

4288

Human Swiss-Prot Number

P46013

Alternative Names

MKI67; Antigen KI-67

Background

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],



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