

Rabbit anti-Human Ki67 Polyclonal Antibody | anti-MKI67 antibody

Anti-Ki67 antibody

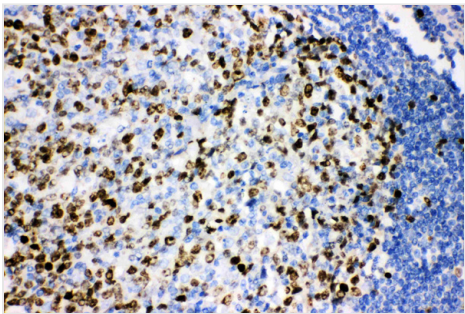
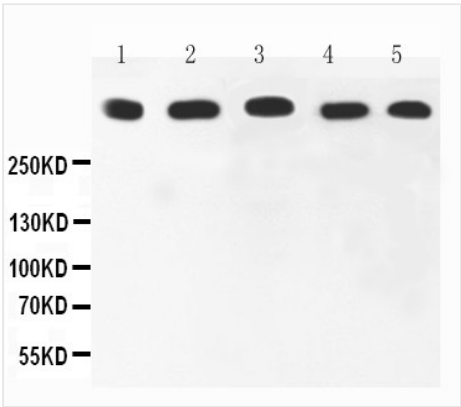
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45659	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Ki67; Polyclonal Antibody; Anti-Ki67 antibody; Antigen KI-67; antigen identified by monoclonal antibody Ki-67; Antigen identified by monoclonal antibody Ki 67 antibody; Antigen KI-67 antibody; Antigen KI67 antibody; KI67_HUMAN antibody; KIA antibody; MKI67 antibody; Proliferation related Ki 67 antigen antibody; RP11-380J17.2 antibody; anti-MKI67 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	3256
Applicable Applications for anti-MKI67 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human Ki67 recombinant protein (Position: K2860-I3256).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Anti-Ki67 Picoband antibody, AAA45659-1.JPGIHC(P): Human Tonsil Tissue

Application Data
Anti-Ki67 Picoband antibody, AAA45659-2.jpgAll lanes: Anti-Ki67(AAA45659) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: MCF-7 Whole Cell Lysate at 40ugLane 3: COLO320 Whole Cell Lysate at 40ugLane 4: HEPG2 Whole Cell Lysate at 40ugLane 5: SKOV Whole Cell Lysate at 40ugPredicted bind size: 358KDObserved bind size: 358KD

ADDITIONAL INFORMATION

Related Product Information for anti-MKI67 antibody

Description: Rabbit IgG polyclonal antibody for Antigen KI-67(MKI67) detection. Tested with WB, IHC-P in Human.
Background: Ki-67(Proliferation-related Ki-67 antigen), also known as MKI67 or KIA, is a protein that in humans is encoded by the MKI67 gene. From study of a panel of human-rodent somatic cell hybrids, it has been demonstrated that a gene involved in the expression of the MKI67 antigen is located on chromosome 10. By in situ hybridization, Fonatsch et al. (1991) regionalized the MKI67 gene to chromosome 10q25-qter. By FISH, Traut et al. (1998) mapped the mouse Mki67 gene to chromosome 7F3-F5. Antigen KI-67 is a nuclear protein that is associated with and may be necessary for cellular proliferation. Furthermore it is associated with ribosomal RNA transcription. Inactivation of antigen KI-67 leads to inhibition of ribosomal RNA synthesis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118572663
NCBI GeneID	4288
UniProt Accession #	P46013; Q5VWH2
Molecular Weight	319,444 Da
NCBI Official Full Name	Antigen KI-67
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	antigen KI-67; proliferation-related Ki-67 antigen; protein phosphatase 1, regulatory subunit 105; antigen identified by monoclonal antibody 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.