Ki 67 Mouse Monoclonal Antibody

Catalog No: #38019

Package Size: #38019-1 50ul #38019-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

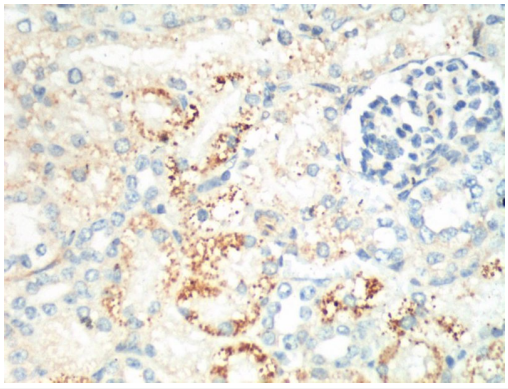
Description

Product Name	Ki 67 Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	4A8
Purification	Affinity purification using immunogen.
Applications	IHC
Species Reactivity	Hu
Specificity	The Ki 67 Mouse Monoclonal antibody detects endogenous Ki 67 protein.s
Target Name	Ki 67
Other Names	antigen identified by monoclonal antibody Ki-67; Antigen KI-67; KI67; KIA; MKI67
Accession No.	Swiss-Prot#:P46013
Concentration	1.0mg/ml
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:200

Images



IHC staining of Mouse Kidney tissue with Ki 67 mouse mAb(4A8) diluted at 1:200.

Background

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. The Ki-67 protein (also known as MKI67) is a cellular marker for proliferation. It is strictly associated with cell proliferation. During interphase, the Ki-67 antigen can be exclusively detected within the cell nucleus, whereas in mitosis most of the protein is relocated to the surface of the chromosomes. Ki-67 protein is present during all active phases of the cell cycle

(G1, S, G2, and mitosis), but is absent from resting cells (G0).

Published Papers

el at., Glycogen Phosphorylase B Is Regulated by miR101-3p and Promotes Hepatocellular Carcinoma Tumorigenesis. In Front Cell Dev Biol on 2020 Nov 25 by Guangying Cui, Huifen Wang, et al..PMID:33324633, , (2020)

PMID:33324633

el at., Circular RNA circPPM1F modulates M1 macrophage activation and pancreatic islet inflammation in type 1 diabetes mellitus. In Theranostics on 2020 Aug 29 by Caiyan Zhang, Xiao Han, et al..PMID:33042261, , (2020)

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el at., NAP1L1 interacts with hepatoma-derived growth factor to recruit c-Jun inducing breast cancer growth. In Cancer Cell Int on 2021 Nov 13 by Shu Liu, Yewei Zhang,

et al..PMID:34774047, , (2021)

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el at., Supplementing a specific synbiotic suppressed the incidence of AOM/DSS-induced colorectal cancer in mice In iScienceOn2023 May 28byHuixia Wu , Zhengchun Wu et al..PMID:37378327, , (2023)

PMID:37378327

Note: This product is for in vitro research use only and is not intended for use in humans or animals.