Nur für Forschungszwecke

KI67 Polyklonaler Antikörper

Katalog-Nr.:27309-1-AP Vorgestelltes Produkt 668 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Allgemeine Informationen

Katalog-Nr.:
27309-1-AP

Größe:
150ul , Konzentration: 1000 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG26266

GenBank-Zugangsnummer:
NM_002417

GeneID (NCBI):
4288

Vollständiger Name:
antigen identified by monoclonal antibody Ki-67

Berechneté Masse:
359 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
IHC 1:2000-1:10000
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, ELISA

In Publikationen genannte Anwendungen:
IF, IHC

Getestete Reaktivität:
Human

Zitierte Arten:
Hamster, Hausschwein, Human, Kaninchen

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

IHC : humanes Tonsillitisgewebe, humanes Gliomgewebe, humanes Hautkrebsgewebe, humanes Kolonkarzinomgewebe, humanes Lungenkarzinomgewebe, humanes Lymphomgewebe, humanes Mammakarzinomgewebe, Insulinomgewebe, K-562-Zellen

IF : HeLa-Zellen, HEK-293-Zellen

Hintergrundinformationen

The Ki-67 protein (also known as MKI67) is a cellular marker for proliferation. Ki67 is present during all active phases of the cell cycle (G1, S, G2 and M), but is absent in resting cells (G0). Cellular content of Ki-67 protein markedly increases during cell progression through S phase of the cell cycle. Therefore, the nuclear expression of Ki67 can be evaluated to assess tumor proliferation by immunohistochemistry. It has been demonstrated to be of prognostic value in breast cancer. In head and neck cancer, several studies have reported an association between high proliferative activity and poorer prognosis.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ji Xing	36230734	Cancers (Basel)	IF
Yu Chen	36240716	Tissue Cell	IHC
Liming Wang	31566718	J Cell Physiol	IHC

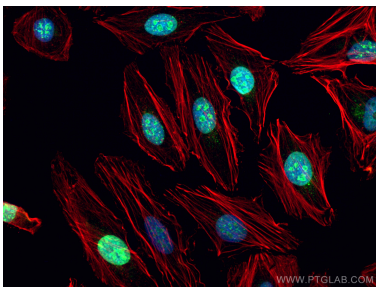
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

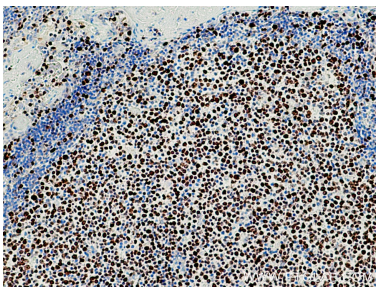
*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

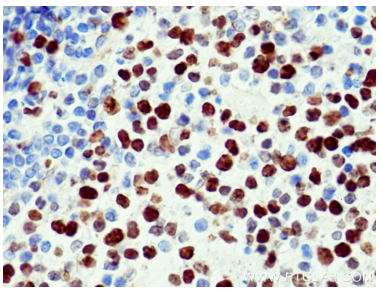
Ausgewählte Validierungsdaten



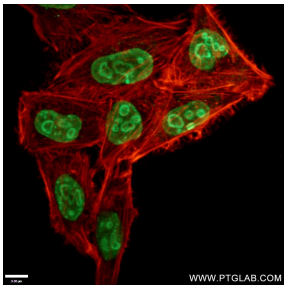
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using KI67 antibody (27309-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



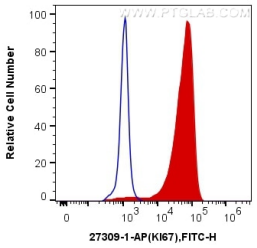
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27309-1-AP (KI67 antibody) at dilution of 1:16000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27309-1-AP (KI67 antibody) at dilution of 1:16000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 27309-1-AP (KI67 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). F-actin is stained using CL555-phalloidin (red).



1X10^6 Jurkat cells were intracellularly stained with 0.4 ug Anti-Human KI67 (27309-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug x. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).