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MKI67 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant MKI67.
Catalog # AT2871a

Product Information

Application	WB, IF, E
Primary Accession	P46013
Other Accession	NM_002417
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	7B8
Calculated MW	358694

Additional Information

Gene ID	4288
Other Names	Antigen KI-67, MKI67
Target/Specificity	MKI67 (NP_002408, 3157 a.a. ~ 3256 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	MKI67 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

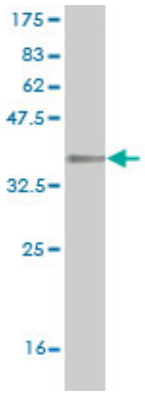
This gene encodes a nuclear protein that is associated with and may be necessary for cellular proliferation. Alternatively spliced transcript variants have been described. A related pseudogene exists on chromosome X.

References

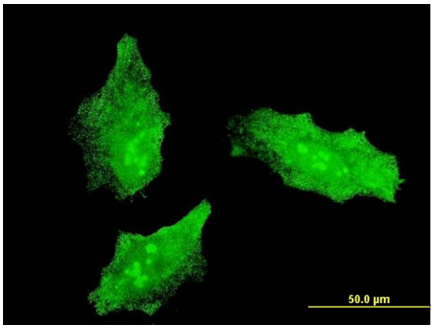
Evaluation of candidate stromal epithelial cross-talk genes identifies association between risk of serous ovarian cancer and TERT, a cancer susceptibility hot-spot. Johnatty SE, et al. PLoS Genet, 2010 Jul 8. PMID 20628624. Aberrant expression of CD133 protein correlates with Ki-67 expression and is a prognostic marker in gastric adenocarcinoma. Zhao P, et al. BMC Cancer, 2010 May 20. PMID 20487522.

Immunohistochemical overexpression of the p53 protein and Ki-67 (MIB-1) antigen in patients with GERD and chronic esophagitis. Binato M, et al. Appl Immunohistochem Mol Morphol, 2010 May. PMID 20414055. Ki-67 expression is superior to mitotic count and novel proliferation markers PHH3, MCM4 and mitosin as a prognostic factor in thick cutaneous melanoma. Ladstein RG, et al. BMC Cancer, 2010 Apr 14. PMID 20398247. CD147 expression in pituitary adenomas and its significance for clinical outcome. Qu X, et al. Hum Pathol, 2010 Aug. PMID 20381119.

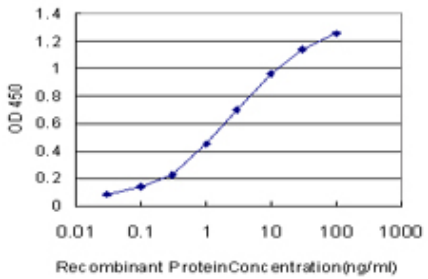
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Immunofluorescence of monoclonal antibody to MKI67 on HeLa cell . [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged MKI67 is approximately 0.03ng/ml as a capture antibody.

Citations

- Potential carcinogenic effects of cigarette smoke and Swedish moist snuff on pancreas: a study using a transgenic mouse model of chronic pancreatitis.
- Noncanonical ATM Activation and Signaling in Response to Transcription-Blocking DNA Damage.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.