

Immunotag™ Ki-67 Monoclonal Antibody

Antibody Specification	
Catalog No.	ITM0393
Product Description	Immunotag™ Ki-67 Monoclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Ki-67
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Mouse
Immunogen	Synthetic peptide corresponding to aa (CEDLAGFKELFQTPG) of human Ki-67, conjugated to KLH.
Specificity	Ki-67 Monoclonal Antibody detects endogenous levels of Ki-67 protein.
Purification	Affinity purification
Form	Ascitic fluid containing 0.03% sodium azide.
Gene Name	MKI67
Accession No.	P46013
Alternate Names	MKI67; Antigen KI-67
Description	marker of proliferation Ki-67(MKI67) Homo sapiens 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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Protein Expression	Epithelium,
Subcellular Localization	chromosome, centromeric region,condensed chromosome,nucleus,nucleolus,cytoplasm,membrane,
Protein Function	developmental stage:Expression of this antigen occurs preferentially during late G1, S, G2 and M phases of the cell cycle, while in cells in G0 phase the antigen cannot be detected.,function:Thought to be required for maintaining cell proliferation.,online information:Ki-67 entry,similarity:Contains 1 FHA domain.,subcellular location: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. In mitosis, it is present on all chromosomes.,subunit:Interacts with KIF15. Binds through the FHA domain to MKI67IP.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.