



Magic™ Anti-MKI67 monoclonal antibody, clone NIB-2 [FITC] (DMAB5247MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Anti-MKI67 reacts with a formalin-resistant epitope and can thus be used on cells obtained from formalin-fixed, paraffin-embedded tissues. In Western blotting of lysates of the multiple myeloma cell line, IM-9, Anti-MKI67, labels bands of 345 and 395kDa, identical to the bands labelled by the original MKI67 antibody. Flow cytometric analysis has shown that Anti-MKI67 reacts negatively or weakly with un-stimulated cells from normal healthy donors. The antibody labels proliferating cancer cell lines, e.g. HeLa, RAJI and IM-9 cells. Anti-MKI67 labels also non-cancer cell lines, e.g. the human urothelial cell line HCV29 in growth phase, and a subpopulation of CD4+CD45RO+ T lymphocytes from HIV infected patients.
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Immunogen	Human recombinant peptide corresponding to a 1002 bp Ki-67 cDNA fragment.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	NIB-2
Conjugate	FITC
Format	liquid form in buffer containing 1% bovine serum albumin (BSA) and 15 mmol/L NaN ₃ , pH 7.2.
Preservative	15mmol/L Sodium Azide
Storage	Store in the dark at 2°C-8°C. Do not use after expiration date stamped on vial.

GENE INFORMATION

Gene Name	MKI67antigen identified by monoclonal antibody Ki-67 [Homo sapiens]
Official Symbol	MKI67
Synonyms	MKI67; AntigenKI-67; antigen identified by monoclonal antibody Ki-67; OTTHUMP00000020739; OTTHUMP00000020740;KIA; proliferation-related Ki-67 antigen
Entrez Gene ID	4288
Protein Refseq	NP_001139438
UniProt ID	P46013
Chromosome Location	10q26.2
Function	ATP binding; nucleotidebinding; protein C-terminus binding; protein binding