

Anti-Human Ki-67 Monoclonal Antibody

Catalog Number: M00254-1

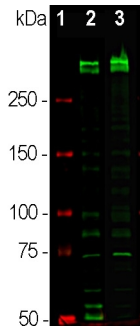
Overview

Product Name	Anti-Human Ki-67 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Human Ki-67 Monoclonal Antibody catalog # M00254-1. Tested in IF, ICC, WB applications. This antibody reacts with Human.
Application	IF, ICC, WB
Clonality	Monoclonal
Formulation	Affinity purified antibody at 1mg/mL in 50% PBS, 50% glycerol, 5mM azide
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P46013

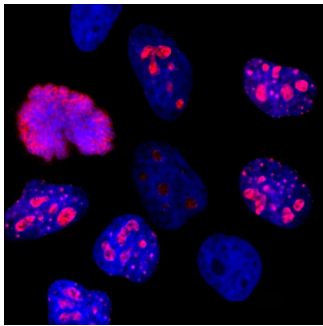
Technical Details

Immunogen	Recombinant construct containing the 2nd, 3rd and 4th Ki67 repeats of the human sequence (amino acids 1,111-1,490) expressed in and purified from E. coli.
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:1,000-5,000. IF 1:2,000-5,000

Anti-Human Ki-67 Monoclonal Antibody (M00254-1) Images



Western blot analysis of equal amounts of cell lysates using mouse mAb to Ki67, M00254-1, dilution 1:2,000, in green: [1] protein standard (red), [2] HeLa cells, [3] HEK293 cells. Strong double bands above 250kDa correspond to the two major Ki67 isoforms of molecular weight of 345 and 395kDa. Smaller proteolytic fragments of these isoforms are also detected on the blot.



Immunofluorescent analysis of HeLa cells stained with mouse mAb to Ki67, M00254-1, dilution 1:2,000 (red). The blue is DAPI staining of nuclear DNA. M00254-1 antibody stains Ki67 protein predominantly expressed in the nucleoli of rapidly dividing cells, while nearby quiescent cells express little or no Ki67. The Ki67 protein also coats the surface of condensed chromosomes as seen at the middle left of the image.

13 Publications Citing This Product

1. PubMed ID: 10.1186/s12935-020-1150-1, Hsa_circ_0137008 suppresses the malignant phenotype in colorectal cancer by acting as a microRNA-338-5p sponge
2. PubMed ID: 10.1038/s41419-020-03064-x, PRMT5/Wnt4 axis promotes lymph-node metastasis and proliferation of laryngeal carcinoma
3. PubMed ID: 32158357, Yang Z,Zhang J,Lu D,Sun Y, Zhao X,Wang X,Zhou W,He Q,Jiang Z.Hsa_circ_0137008 suppresses the malignant phenotype in colorectal cancer by acting as a microRNA-338-5p sponge. Cancer Cell Int.2020 Mar 4;20:67. doi:10.1186/s12935-020-1150-1.PMID:32158357;PMC

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