

Anti-Ki-67 Antibody

Our Anti-Ki-67 Antibody primary antibody from PhosphoSolutions is mouse monoclonal. It detects human Catalog # AN1432

Specification

Anti-Ki-67 Antibody - Product Information

Application WB, IHC
Primary Accession P46013
Host Mouse
Clonality Monoclonal
Isotype IgG1
Calculated MW 358694

Anti-Ki-67 Antibody - Additional Information

Gene ID 4288

Other Names

Antigen identified by monoclonal antibody Ki 67 antibody, Antigen identified by monoclonal antibody Ki-67 antibody, Antigen KI-67 antibody, Antigen KI-67 antibody, Antigen Ki-67 antibody, Ki-67 antibody, Ki-67 antibody, Ki-67 antibody, MIB 1 antibody, MIB antibody, MKI-67 antibody, PPP1R105 antibody, Proliferation marker protein Ki-67 antibody, Proliferation related Ki-67 antibody, Protein phosphatase 1 regulatory subunit 105 antibody, RP11-380J17.2 antibody

Target/Specificity

Ki-67 is a nuclear protein that is considered to be essential for cellular proliferation since it is expressed only in active phases of the cell cycle (G1, S, G2 and mitosis) but not in resting phase G0 (Scholzen & Gerdes 2000). Ki-67 antibodies have therefore been widely used as markers of cell growth. Ki-67 has further been identified as a predicative and prognostic marker in breast, lung, cervical and other cancers (Yerushalmi et al., 2010; Folescu et al., 2018; Das et al., 2018).

Dilution

WB~~1:1000 IHC~~1:100~500

Format

Protein G Purified

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-Ki-67 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

Blue Ice

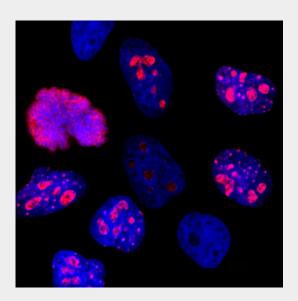


Anti-Ki-67 Antibody - Protocols

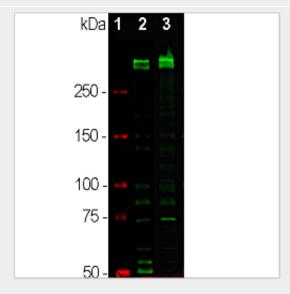
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

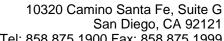
Anti-Ki-67 Antibody - Images



Immunostaining of HeLa cells showing specific labeling of Ki-67 in the nucleoli of rapidly dividing cells, (1:2000) in red. DNA is stained blue.



Western blot of dividing HeLa cell cultures (2) and HEK293 cell cultures (3) showing specific immunolabeling of the $\sim 345/395$ Ki-67 isoforms.





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Anti-Ki-67 Antibody - Background

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