For Research Use Only. Not for use in diagnostic procedures.

SPECIFICITY
The molecular weight of the recognized antigen is 345 & 395 kDa.

The monoclonal Ki-67 antibody reacts with a nuclear antigen associated with cell proliferation and found throughout the cell cycle (G1, S, G2, M phases) and absent in resting (G0) cells.

REAGENT
Ki-67-Unconjugated Antibody
PN IM1316 - 2 mL - Liquid
Clone Ki-67
Isotype IgG1, Mouse
Immunogen Human Tumor Cell line
Hybridoma P3 x63Ag.8.6 x spleen B cells
Source Supernatant

REAGENT CONTENTS
This antibody is provided in tris containing 0.1% sodium azide.

APPLICATION
Flow cytometry.
Immunohistochemistry on frozen sections and cytological samples.

STATEMENTS OF WARNING
1. This reagent contains 0.1% sodium azide. Sodium azide under acid conditions yields hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with running water while being discarded. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop. If skin or eye contact occurs, wash excessively with water.

2. Specimens, samples and all material coming in contact with them should be handled as if capable of transmitting infection and disposed of with proper precautions.
3. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
4. Do not use antibody beyond the expiration date on the label.
5. Avoid microbial contamination of reagents or incorrect results might occur.
6. Use good laboratory practices when handling this reagent.

STORAGE CONDITIONS AND STABILITY
This reagent is stable up to the expiration date when stored at 2 – 8°C. Do not freeze.

REAGENT PREPARATION
No reconstitution is necessary. This monoclonal antibody may be used directly from the vial. Bring reagent to 18 – 25°C prior to use.

PROCEDURE
Recommended working dilution : 1/10 to 1/50.
It is recommended to establish the right range of antibody dilutions to be used for the experiment.

SELECTED RESEARCH REFERENCES

TRADEMARKS
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Made in France.
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