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## 30-2130: PE Conjugated, Anti-Ki-67 Monoclonal Antibody (Clone:Ki-67)

Clonality: Monoclonal

**Clone Name:** Ki-67 Application: **FACS** Reactivity: Human Conjugate: PΕ Gene: MKI67 Gene ID: 4288 **Uniprot ID:** P46013 **Alternative Name: MKI67** Isotype: Mouse IgG1

Immunogen Information: Nuclei of the Hodgkin lymphoma cell line L428

## **Description**

Ki-67 is a highly protease-sensitive nuclear protein expressed in two isoforms (345 kDa and 395 kDa), both of which are identified by the antibody clone Ki-67. The Ki-67 antigen is essential for cell proliferation and its expression is restricted to the cycling cells. It is detected in G1, S, G2 and M phase, whereas it is absent in cells which are in G0 phase and it is not associated with DNA repair processes. Ki-67 thus represents an important tool for detection of proliferating cells, which is of great importance in tumor diagnostics and is commonly used as a prognostic factor in cancer studies.

## **Product Info**

Amount: 100 tests

**Storage condition :** Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

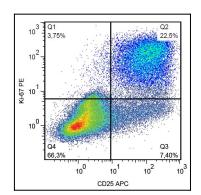


Figure 1: Flow cytometry analysis of human peripheral blood mononuclear cells stimulated with PHA. Surface staining of CD25 (clone MEM-181 APC) was followed by permeabilization and nuclear staining of Ki-67 (clone Ki-67 PE).