ImmunoLogic
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a WellMed Company

Ki-67
clone MIB-1

Instructions For Use

Specification:
The Ki-67 protein is a nuclear protein doublet, 345-395 kDa, playing a pivotal role in maintaining cell proliferation. In diagnostic histopathology and cell biology, the antibody has proven valuable for the demonstration of the Ki-67 antigen in normal and neoplastic cells, for example in soft-tissue sarcoma, prostatic adenocarcinoma, and breast carcinoma. The Ki-67 has been confirmed as a very powerful single prognostic factor for overall survival, with highly proliferative cases showing a much poorer outcome than tumors with low proliferation. In breast cancer, the proliferative index measured by Ki-67 immunoreactivity has both prognostic and predictive value.

Availability:

Catalog No.	Contents	Volume
ILM9252-C01	Ki-67	0,1 ml concentrate
ILM9252-C05	Ki-67	0,5 ml concentrate
ILM9252-C1	Ki-67	1,0 ml concentrate
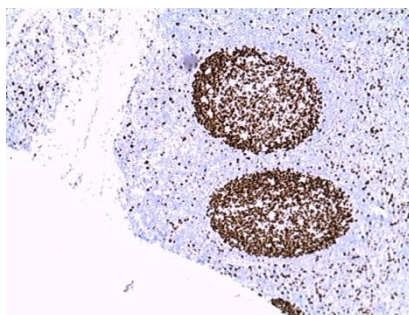
Intended use: For Research Use Only

Reactivity: Human

Clone: MIB-1

Species of origin: Mouse

Isotype: $IgG_1 k$

Control Tissue: Tonsil

Staining: Nuclear

Presentation: Tissue culture supernatant containing 15mM sodium azide

Application and suggested dilutions:
Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0 for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:100-1:200)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

Reference:
1) Determann O et al, Blood, 2008, 111(4):2385-2387.
2) Klapper W et al, Journal of hematopathology, 2009, 2(2): 103-111.
3) Keam B et al, Breast Cancer Res, 2011, 13(2): R22.
4) Dowsett M et al, Journal of the National Cancer Institute, 2011, 103(22): 1656-1664.

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