Mouse anti Ki67 Monoclonal Antibody

Alternative Name(s): nan

Order Information

- **Description:** Ki-67
- **Catalogue:** 604-240
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** MM1
- **Application:** IHC(P)
- **Reactivity:** Hu

ANTIGEN PREPARATION

A synthetic peptide derived from human Ki-67 protein.

BACKGROUND

Ki-67, a proliferation marker is a nuclear protein that is associated with and may be necessary for cellular proliferation. It can be used as a biomarker with Bcl-2 (an apoptosis inhibitor), P53 and Pax 2 for immunohistostaining in carcinomas diagnosis. The differences in the immunocytochemical expression of those markers are correlated to the results with tumor grade and stage for a further accurate diagnosis.

PURIFICATION

The mouse IgG is purified by Protein A-Affinity Chromatography according to Isotyping

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes human Ki-67 protein. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at –20oC to –70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 358.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

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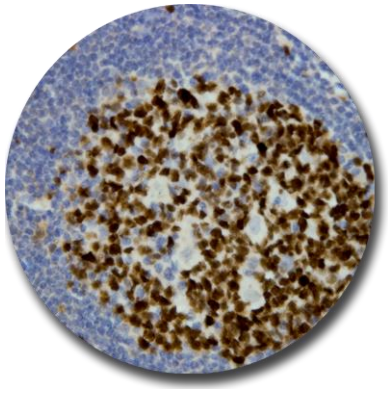
DATA ATTACHMENTS



Immunohistochemistry: Human Tonsil (FFPE) stained with Mouse anti-Ki67 antibody (Cat#604-240) at 1:500 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

REFERENCES

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