**Rabbit anti Ki-67 Polyclonal Antibody**

**Alternate Names:** MKI67; antigen Ki-67; proliferation-related Ki-67 antigen

**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 Rabbit IgG is purified by Epitope affinity purification

**FORMULATION**
This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer

**SPECIFICITY**
This antibody recognizes high molecular weight of Ki-67 protein. It reacts with human, rat and mouse. The other species are not tested.

**STORAGE**
The antibodies are stable for 12 months from date of receipt when stored at –20°C to –70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

**APPLICATIONS/SUGGESTED WORKING DILUTIONS**

<table>
<thead>
<tr>
<th>Applications</th>
<th>Working Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western Blot</td>
<td>0.5-2 µg/ml</td>
</tr>
<tr>
<td>ELISA</td>
<td>0.1-1 µg/ml</td>
</tr>
<tr>
<td>Immunoprecipitation</td>
<td>2-5 µg/ml</td>
</tr>
<tr>
<td>IHC</td>
<td>2-5 µg/m</td>
</tr>
<tr>
<td>Flowcytometry</td>
<td>Not tested</td>
</tr>
</tbody>
</table>

**MOLECULAR WEIGHT:** 345 & 395 kDa

**POSITIVE CONTROL:** Breast carcinomas and lymph node

**CELLULAR LOCATION:** Nuclei

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

**REFERENCES**

**DATA ATTACHMENTS**

**IHC:** Human lymph node stained with Anti-Ki-67 antibody (Cat# 500-1874) at 1:200 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.

---

**FOR RESEARCH USE ONLY.**

AbboMax, Inc 1161 Ringwood Ct. Suite 100, San Jose, California 95131, USA
1 408-321-9898 (Tel). 1 408-321-9896 (Fax). 1-866-628-9898 www.abbomax.com info@abbomax.com