Rabbit anti Ki-67 Polyclonal Antibody
Alternative Name(s): MKI67; antigen Ki-67; proliferation-related Ki-67 antigen

Order Information
- Description: Ki-67
- Catalogue: 500-1874
- Lot: See label
- Size: 100µg/200ul
- Host: Rabbit
- Clone: nan
- Application: IHC(P), WB
- Reactivity: Hu, Ms, Rt

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 immunohisto/staining 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 Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY
This antibody recognizes human, mice and rat Ki-67 protein. The other species 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: 345.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.
Immunohistochemistry: Human Tonsil (FFPE) stained with Rabbit 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.