Order: 0571-88177686
Fax: 0571-88177681
Support: support@biolynx.cn

Rev.: 2020-10-28

Ki-67
Recombinant Rabbit Monoclonal Antibody
Product Datasheet

Catalog# BX50204
Clone# BP6181

Predicted Molecular Wt: 359kDa
Species Cross-reactivity: Human
Applications: IHC-P
Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: P46013

Background:

Antigen Ki-67 is a nuclear protein that is associated with and may be necessary for cellular proliferation. Furthermore, it is associated with ribosomal RNA transcription.

Ki-67 was present in the nuclei of cells in the G1, S, and G2 phases of the cell division cycle as well as in mitosis. Quiescent or resting cells in the G0 phase did not express the Ki-67 antigen.

Ki-67 protein was used as diagnostic tools in different types of neoplasms because it was present in all proliferating cells (normal and tumor cells) and was an excellent operational marker to determine the growth fraction of a given cell population.

Subcellular location:

Nucleus

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide corresponding to residues within aa1000 to aa1100 of Ki-67 was used as an immunogen.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

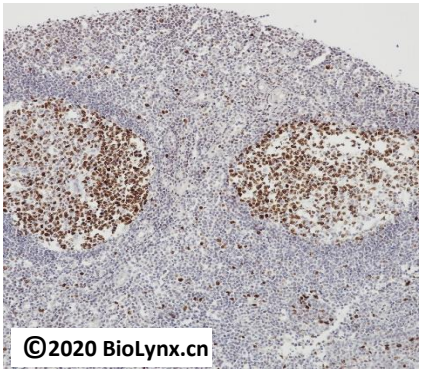
-20°C

Storage instructions:

Shipped on blue ice. Upon delivery, aliquot, and store at -20°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:100-1:200



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of tonsil labelling Ki-67 with BP6181. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0.

Background References:

1. Scholzen T, et.al, J Cell Physiol. 2000 Mar;182(3):311-22.
2. Inwald EC, et.al, Breast Cancer Res Treat. 2013 Jun;139(2):539-52.

Product QC'd by:

For research use only. Not for use in diagnostic or therapeutic applications.