

Ki-67 Recombinant Rabbit Monoclonal Antibody

Cat: HKZ150163

Company: HaoKebio

Uniprot ID: P46013

Organism: Rabbit

Species reactivity: Human

Predicted Molecular Weight: 359 kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA: 1:500-1:1000

Background:

The Ki-67 antigen is a nuclear protein associated with cell proliferation and may play a critical role in this process. Additionally, Ki-67 is involved in ribosomal RNA transcription. It is expressed during the G1, S, G2, and M phases of the cell cycle but absent in the quiescent G0 phase. Ki-67 serves as a diagnostic tool for various tumor types, as it is present in all proliferating cells (both normal and neoplastic), making it an excellent marker for determining the proliferative fraction of a given cell population.

Protein full name:

Antigen identified by monoclonal antibody Ki-67

Synonyms:

KI67, MKI67, Antigen KI-67

Immunogen:

A synthetic peptide corresponding to amino acid residues 1000–1100 of Ki-67.

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

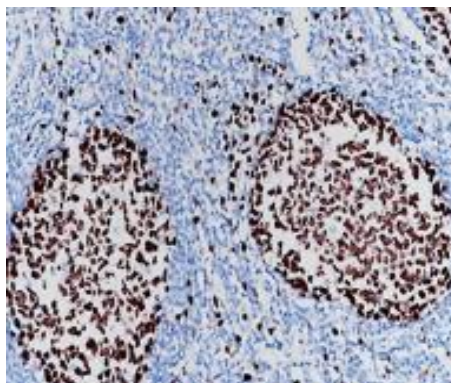
Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C – 25 °C) for 30 minutes.

Images:



Immunohistochemical results of Ki-67 labeling in tonsil tissue (formalin-fixed, paraffin-embedded sections) using HKZ150163. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

Source of Reagents:

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.

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发表[中文论文]请标注: Ki-67 (HKZ150163) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: Ki-67 (HKZ150163) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

