

Ki67 Recombinant antibody

Cat: B11002R

Company: HaoKebio

Uniprot ID: P46013

Applications: IHC: 1:200-1:500

Organism: Rabbit

IHC-Polymer: 1:800-1:2000

Species reactivity: Human Mouse Rat

IHC-TSA: 1:1000-1:2500

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.

Protein full name:

Ki67

Synonyms:

Proliferation marker protein Ki-67, Antigen identified by monoclonal antibody Ki-67, Antigen KI-67, MKI67

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

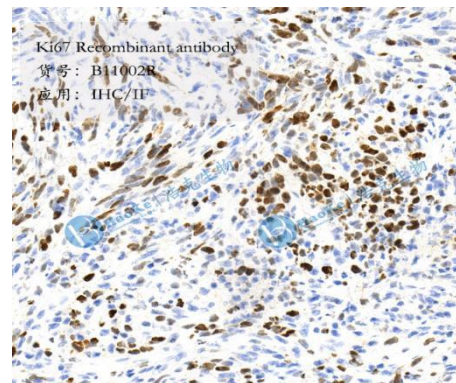
Storage:

Store at -20 °C for one year.

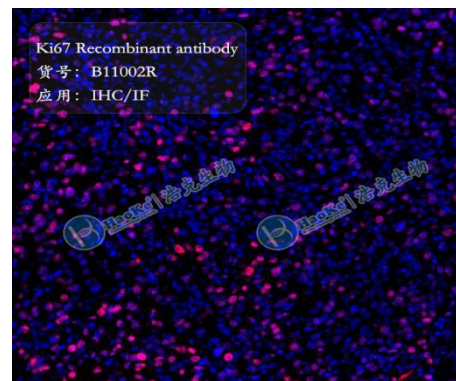
Experimental procedure:

Antigen retrieval: Citrate buffer (Citric acid high pressure), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse tumors, 4% PFA 12-24h.



Sample: Mouse tumors, 4% PFA 12-24h.

Source of Reagents:

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