P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 – Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

Ki-67 Antigen; Polyclonal
(Ready-To-Use)

Availability/Contents:

Item #	Volume
A00095-0002	2 ml
A00095-0007	7 ml
A00095-0025	25 ml

Description:

Species:	Rabbit
Immunogen:	Synthetic peptide from 62 base pair region of the human Ki-67 antigen.
Clone:	Polyclonal
Isotype:	N/A
Entrez Gene ID:	4288
Hu Chromosome Loc.:	N/A
Synonyms:	MKI67, Marker of Proliferation Ki-67, Antigen KI-67, Proliferation Marker Protein Ki-67, Protein Phosphatase 1, Regulatory Subunit 105.
Mol. Weight of Antigen:	N/A
Format:	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded as well as acetone fixed cryostat tissue sections. No further titration is required.
Specificity:	This antibody reacts with a nuclear antigen present in proliferating human cells.
Background:	This antibody cross-reacts with a range of mammalian species. It can be used to evaluate the Ki-67 labelling index in various tumors.
Species Reactivity:	Human.
Positive Control:	Tonsil or Breast Carcinoma.
Cellular Localization:	Nuclear
Titer/ Working Dilution:	No further dilution is required.
Microbiological State:	This product is not sterile.

Storage: 2° C 8° C

ScyTek Laboratories, Inc.
205 South 600 West
Logan, UT 84321
U.S.A.

CE

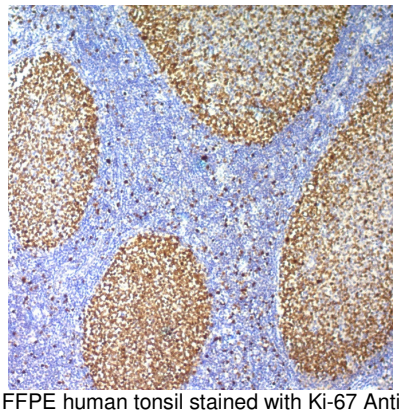
EC REP
Emergo Europe
Prinsessegracht 20
2514 AP The Hague, The Netherlands

P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 – Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

Uses/Limitations:

Not to be taken internally.
For Research Use Only.
This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
Do not use if reagent becomes cloudy.
Do not use past expiration date.
Non-Sterile.

Ordering Information and Current Pricing at www.scytek.com



FFPE human tonsil stained with Ki-67 Antigen; Polyclonal using UltraTek HRP and DAB Chromogen. 100X

Procedure:

1. **Tissue Section Pretreatment (Required):** Staining of formalin fixed, paraffin embedded tissue sections is significantly enhanced by pretreatment with Citrate Plus (ScyTek catalog# CPL500).

2. **Primary Antibody Incubation Time:** We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user.

3. **Visualization:** For maximum staining intensity we recommend the "UltraTek HRP Anti-Polyvalent Lab Pack" (ScyTek catalog# UHP125, see IFU for instructions) combined with the "DAB Chromogen/Substrate Bulk Pack (High Contrast)" (ScyTek catalog# ACV500, see IFU for instructions).

Precautions:

Contains Sodium Azide as a preservative (0.09% w/v).
Do not pipette by mouth.
Avoid contact of reagents and specimens with skin and mucous membranes.
Avoid microbial contamination of reagents or increased nonspecific staining may occur.
This product contains no hazardous material at a reportable concentration according to U.S. 29 CFR 1910.1200, OSHA Hazardous Communication Standard and EC Directive 91/155/EC.

References:

1. Gerdes et al. Am J Pathol 138: 867, 1991.
2. Wintzer et al. Cancer 67: 421, 1991.
3. Brown et al. Histopathology 17: 489, 1990
4. Gerdes J. Seminars in Cancer Biol 1: 199, 1990.

Warranty:

No products or "Instructions For Use (IFU)" are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our IFU or website. Our warranty is limited to the actual price paid for the product. ScyTek Laboratories, Inc. is not liable for any property damage, personal injury, time or effort or economic loss caused by our products. Immunohistochemistry is a complex technique involving both histological and immunological detection methods. Tissue processing and handling prior to immunostaining can cause inconsistent results. Variations in fixation and embedding or the inherent nature of the tissue specimen may cause variations in results. Endogenous peroxidase activity or pseudoperoxidase activity in erythrocytes and endogenous biotin may cause non-specific staining depending on detection system used.

Storage: 2° C – 8° C

ScyTek Laboratories, Inc.
205 South 600 West
Logan, UT 84321
U.S.A.

CE

EC REP
Emergo Europe
Prinsessegracht 20
2514 AP The Hague, The Netherlands