

## Cytokeratin 19 (40 kD)

Availability/Contents:	Item #	Volume
	A20094	2 ml
	A00094	6 ml
	A00094.0025	25 ml

### Description:


Species:	Mouse
Immunogen:	Detergent soluble extract of human mammary epithelium.
Clone:	BA17
Isotype:	IgG1, Kappa
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:	Cytokeratin 19 is a member of type I acidic subfamily of intermediate filaments. It is expressed in various different human tissues except in liver. Cytokeratin 19 is not expressed in hepatocytes, therefore, antibodies to Cytokeratin 19 are useful in identification of liver metastasis.
Species Reactivity:	Human
Positive Control:	Colon carcinoma
Cellular Localization:	Cytoplasmic
Titer/Working Dilution:	No further dilution is required.
Microbiological State:	This product is not sterile.


**Uses/Limitations:** For In Vitro Diagnostic Use.  
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 past expiration date.

**Storage and Stability:** 2-8° Centigrade.  
Product is stable for 24 months from date of manufacture.  
If reagent is not stored as recommended, performance must be validated by the user.

### Procedure:

1. Tissue Section Pretreatment: (REQUIRED) Staining of formalin fixed, paraffin embedded tissue sections is enhanced by pretreatment with Citrate Plus (ScyTek catalog# CPL500) or 10mM citrate buffer, pH 6.0 (ScyTek Catalog# CBB500, see IFU for instructions).
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

Storage: 2°C  8°C

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(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. Bartek, J. et al. J Cell Sci, 75: Pages 17-33, 1985
2. Moll, R. et al. Cell, 31: pages 11-24, 1982
3. Tseng, S.C.G. et al. Cell, 30: pages 361-72, 1982.
4. Bartek, J. et al. Histochem J, 18: pages 565-575, 1986.
5. Bartek, J. et al. Int J Cancer, 36: pages 299-306, 1985.
6. Bartek, J. et al. Eur J Cancer Clin Oncol, 22: pages 1441-52, 1986.
7. Bartkova, J. et al, Tumor Biol, 8: pages 45-56, 1987.

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