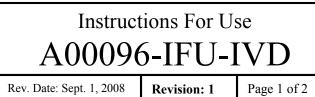
ScyTek Laboratories



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

Cytokeratin (45 – 56.5 kD)

Availability/Contents:		<u>Item #</u> A20096 A00096 A00096.25	<u>Volume</u> 2 ml 6 ml 25 ml	
Description:				
Species: Immunogen: Clone: Isotype:		Mouse Crude extract of splenic cells from a nude mouse engrafted with MCF-7 cells (human breast carcinoma cell line). MNF116 IgG1, Kappa		
Format: Specificity:		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. Cytokeratin Clone MNF116 reacts with an epitope which is present in a wide range of cytokeratins. Immunoblotting using MNF116 reveals a number of discrete keratin		
Species Reactivity: Positive Control: Cellular Localization: Titer/Working Dilution: Microbiological State:		poypeptides with molecular weights from 40 to 58 kD, including numbers 5, 6, 8, 17 and 19. Human Squamous Cell Carcinoma or skin Cytoplasmic No further dilution is required. This product is not sterile.		
This pro fixed, pa		tro Diagnostic Use. duct is intended for qualitative immunohistochemistry with normal and neoplastic formalin- raffin-embedded tissue sections, to be viewed by light microscopy. se past expiration date.		
		tigrade. s stable for 24 months from date of manufacture. t 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 Pepsin (ScyTek catalog# PSS060) or Citrate Plus, pH 6.0 (ScyTek Catalog# CPL500, 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			
			x	IVD

Storage: 2°C

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

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(High Contrast)" (ScyTek catalog# ACV500, see IFU for instructions).

Precautions: C

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 <u>reportable concentration</u> according to U.S. 29 CFR 1910.1200, OSHA Hazardous Communication Standard and EC Directive 91/155/EC.

References:

- 1. Jorgensen, L.J., et al. Synovial sarcoma: An immuno-histochemical study of the epithelial component. APMIS 102(3): pages 191-196, 1994.
- Prieto, V., et al. Immunohistochemical detection of keratin with the monoclonal antibody MNF116 is useful in the diagnosis of epidermolysis bullosa simplex. J Cutan Pathol 21(2): pages 118-122, 1994.
- 3. Prieto, V., et al. Expression of cytokeratin 10, 17 and 18 in normal and pathological skin as detected by the monoclonal antibody MNF116. J Invest Dermatology 100(4): page 547, 1993.
- 4. Walsh, C.B., et al. Diagnostic application of the cytokeratin MNF 116 in a wide range of sarcomas, carcinomas, and lymphomas. J Pathol 167(Suppl): page 148A, 1993.
- Goddard, M.J., et al. Comparison of commercially available cytokeratin antibodies in normal and neoplastic adult epithelial and non-epithelial tissues. J Clin Pathology 44(8): pages 660-663, 1991.
- 6. Moll, R. et al. The catalog of human cytokeratins: Patterns of expression in normal epithelial, tumors and cultured cells. Cell 31(1): pages 11-24, 1982.

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