



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Cytokeratin, Multi (Acidic); Clone AE-1 (Concentrate)

| Availability/Contents: | <u>Item #</u> | <u>Volume</u> |
|------------------------|---------------|---------------|
| | A00051-C.1 | 0.1 ml |
| | A00051-C | 1 ml |


Description:

| | |
|--------------------------|---|
| Species: | Mouse |
| Immunogen: | Human epidermal keratin |
| Clone: | AE-1 |
| Isotype: | IgG1, kappa |
| Entrez Gene ID: | 3858 (CK10); 3861 (CK14); 3866 (CK15); 3868 (CK16); 3880 (CK19) |
| Hu Chromosome Loc.: | 17q21.2 (CK10); 17q21.2 (CK14); 17q21.2 (CK15); 17q21.2 (CK16); 17q21.2 (CK19) |
| Synonyms: | K1B; KRT1B; Keratin, type II cytoskeletal 1b; K77; CK-1B; Keratin 1B; Keratin-77; Cytokeratin-1B; Type-II Keratin Kb39 |
| Mol. Weight of Antigen: | 40-56.5kDa |
| Format: | 200µg/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. |
| Specificity: | This antibody recognizes the 56.5kDa (CK10); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 40kDa (CK19) keratins of the acidic (Type I or LMW) subfamily. |
| Background: | Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI <5.7) and basic (pI >6.0) subfamilies. The acidic keratins have molecular weights (MW) of 56.5, 55, 51, 50, 50', 48, 46, 45, and 40kDa. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. |
| Species Reactivity: | Human, Monkey, Cow, Dog, Rabbit, Mouse, Rat, Chicken, Turtle. Others not known. |
| Positive Control: | Skin, Squamous cell carcinoma (SCC). |
| Cellular Localization: | Cytoplasmic |
| Titer/ Working Dilution: | Immunohistochemistry (Frozen and Formalin-fixed): 0.5-1 µg/ml Flow Cytometry: 0.5-1 µg /million cells Immunofluorescence: 1-2 µg Western Blotting: 0.5-1 µg |
| Microbiological State: | This product is not sterile. |

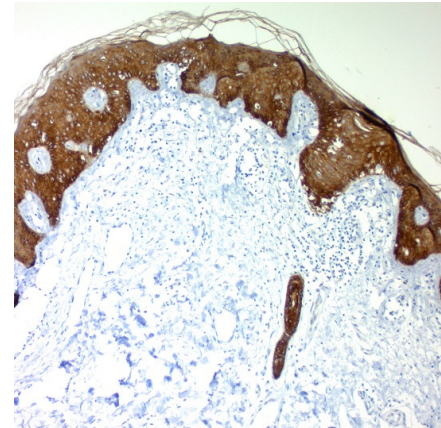
Storage: 2° C  8° C

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


Emergo Europe
Prinsessegracht 20
2514 AP The Hague, The Netherlands

Uses/Limitations: Not to be taken internally.
 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 if reagent becomes cloudy.
 Do not use past expiration date.
 Non-Sterile.



Formalin-fixed, paraffin-embedded skin stained with Cytokeratin, Acidic; Clone AE-1.

Ordering Information and Current Pricing at www.scytek.com

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. Kim, Jie Hoon, Hyunee Yim, and Won Hyoung Kang. "Secondary cutaneous amyloidosis in disseminated superficial porokeratosis: a case report." *Journal of Korean medical science* 15.4 (2000): 478-481.
2. Iwaya TA, Maesawa CH, Tamura G, Sato NO, Ikeda KE, Sasaki AK, Othuka KO, Ishida KA, Saito KA, Satodate RY. Esophageal carcinosarcoma: a genetic analysis. *Gastroenterology*. 1997 Sep 1;113(3):973-7.
3. Woodcock-Mitchell J *et. al.* *Journal of Cell Biology* 1982;95:580-8.
4. Tseng SCG *et. al.* *Cell* 1982; 30361.

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