

Keratin 8, clone C-51 Monoclonal Antibody

Catalog No.: MON3032

Quantity: 1 ml

Specificity

This monoclonal antibody reacts with the 52.5 kDa human keratin 8. The antigen isolated for immunization came from HeLa cells. Cross reactive with sheep, pig and bovine epithelial tissues. No cross reactivity with other mammalian species (dog, rabbit, rat, and mouse) as well as chicken and Xenopus tissues are negative.

Immunoglobulin type

Murine IgG₁

Use

In immunochemistry on cultured cells it strongly reacts with methanol/acetone fixed cells of epithelial origin. In frozen section this antibody reacts with all simple epithelia derived structures). In paraffin embedded tissues a FKFM-fixation (40% formalin, acetic acid and distilled water 2:1:17 with 8.5 g NaCl/L) should be used. Methacarn and formalin fixatives produce less satisfactory results. A protease digestion is beneficial for the result.

This antibody can also be used in Western blotting.

Instructions for use

For cultured cell staining dilute approximately 1:10. For Western blotting dilute approximately 1:100. For frozen and paraffin embedded tissues the optimal dilutions have to be determined for use within each laboratory.

Presentation

1 ml tissue culture supernatant with 0.1% sodium azide.

Literature

- Bártek, J., et al., 1991, J. Pathology 164, 215-227.
- Bártková, J., et al., 1991, Neoplasma 38, 439-446.

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Cell Sciences, Inc.
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Web Site: www.cellsciences.com