

Keratin 13, clone 1C7 Monoclonal Antibody

Catalog No.: MON3017

Quantity: 1 ml

Specificity

The antibody does not stain non-cornifying squamous epithelium. In immunoblotting experiments the antibody recognizes only keratin no. 13 (54kD) and does not show any cross-reactivity with other cytokeratins.

Immunogen: keratin preparation purified from human esophagus

Cross reactivity:

Vimentin: not detectable

Desmin: not detectable

GFAP: not detectable

Neurofilament: not detectable

Immunoglobulin type

Murine IgG_{2a}

Use

The antibody is a useful marker for histopathology. Frozen sections give excellent results in immunoperoxidase and immunofluorescence tests. Paraffin sections can also be used after T.U.F. (cat. no. T10333) treatment and at an antibody dilution of 1:10. Useful for Western blotting.

Instructions for use

This antibody is also useful for Western blotting when applied undiluted although lesser amount of antibody could be sufficient therefore we recommend that each customer determines the optimal working dilution. For use in staining tissue sections it has to be diluted, 1:5-1:25, preferable in phosphate buffered saline.

Presentation

1 ml supernatant in 10 mM sodium azide with FCS.

Literature

- van Muijen, G.N.P., et al., 1986, Exp. Cell. Res. 162, 97-113.
- Broers, J.L.V., et al., 1988, Cancer Research 48, 3221-3229.
- Kasper, M., et al., 1989, Histochemistry 93, 93-103.
- van Niekerk, C.C., et al., 1991, Am. J. Pathol. 138, 455-463.
- Smedts, F., et al., 1992, Am. J. Pathol. 141, 497-511.

FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.



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