

Keratin 4, clone 6B10 Monoclonal Antibody

Catalog No.: MON3015-1

Quantity: 1 ml

Specificity

The antibody does stain non-cornifying squamous epithelium, cells in certain ciliated pseudo-stratified epithelia and ductal epithelia of various exocrine glands. In immuno-blotting experiments the antibody recognizes only keratin no. 4 (59kD) and does not show any crossreactivity with other cytokeratins.

Immunogen: Cytokeratin preparation purified from Human esophagus

Crossreactivity

Vimentin: not detectable

Desmin: not detectable

GFAP: not detectable

Neurofilament: not detectable

Immunoglobulin type

Murine IgG₁

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 TUF (cat.no. T10333) treatment at an antibody dilution of 1:10. This antibody can be used in a two-dimensional gel electrophoresis followed by an immunoblotting. Working dilution for this application should be titred by each individual laboratory.

Instructions for use

Working dilution for frozen sections: 1:40, preferable in phosphate buffered saline.

Presentation

1 ml supernatant with approximately 15 µg antibody/ml and 1% FCS and 10 mM sodium azide. Cat. nr. MON3015-1.

5 ml supernatant with approximately 15 µg antibody/ml and 1% FCS and 10 mM sodium azide. Cat. nr. MON3015-5.

Literature

- van Muijen, G.N.P., et al., 1986, Exp. Cell. Res. 126, 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