

## Keratin 13, clone 2D7 Monoclonal Antibody

**Catalog No.:** MON3018

**Quantity:** 1 ml

### Specificity

This antibody does 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 keratins. The used immunogen was a keratin preparation purified from human esophagus

### Cross reactivity:

Vimentin: not detectable  
Desmin: not detectable  
GFAP: not detectable  
Neurofilament: not detectable

### Immunoglobulin type

Murine IgG<sub>2b</sub>

### 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, working dilution for frozen sections 1:20, preferable in phosphate buffered saline.

### Presentation

1 ml supernatant with approximately 20 µg antibody/ml and 10 mM sodium azide and FCS.

### Literature

- Broers, J.L.V., et al., 1988, Cancer Research 48, 3221-3229.
- van Niekerk, C.C., et al., 1989, Int. J. Cancer 43, 1065.
- Ramaekers, F.C.S., et al., 1990, Am J. Pathol. 136, 641.
- van Niekerk, C.C., et al., 1991, J. Pathol. 165, 145.
- van Niekerk, C.C., et al., 1991, Am. J. Pathol. 138, 455-463.
- Smedts, F., et al., 1992, Am. J. Pathol. 141, 497-511.

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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](mailto:info@cellsciences.com)  
Web Site: [www.cellsciences.com](http://www.cellsciences.com)