

Human pan Keratin, clone 80 Monoclonal Antibody

Catalog No.: MON3003-1

Quantity: 1 ml

Specificity

In immunoblots most human keratins are recognized.

Crossreactivity

Neurofilament: not detectable

Vimentin: not detectable

GFAP: not detectable

Desmin: not detectable

Immunoglobulin type

murine IgG₁

Use

The antibody stains in immunohistochemistry and immunofluorescence tests all types of keratin containing (that is epithelial) cells in frozen sections of various tissues, with the exception of myoepithelial cells. It also stains mouse and rat keratin. To obtain a positive result in paraffin embedded tissue a TUF (cat.no. T 10333) pretreatment is recommended. This antibody has shown to be useful in Western blotting.

Instructions for use

The working dilution for frozen sections is approximately 1:50, and for paraffin embedded tissue approximately 1:10. Dilution buffer PBS 1% BSA. Optimal dilution for Western blotting has to be determined at each individual laboratory. As positive control for Western blotting a preparation of human callus or keratinocytes.

Presentation

1 ml supernatant with approximately 25 µg antibody/ml and 10mM sodium azide and 1% FCS.

Sufficient for 100-500 tests. Cat.nr. MON3003-1.

5 ml supernatant with approximately 25 µg antibody/ml and 10mM sodium azide and 1% FCS.

Sufficient for 500-2500 tests. Cat.nr. MON3003-5.

Literature

- van Muijen, G.N.P., et al., 1984, Am. J. Pathol. 114, 9.
- van Muijen, G.N.P., et al., 1984, Am. J. Pathol. 116, 363.
- van Muijen, G.N.P., et al., 1985, Hum. Pathol. 16, 590.

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