

## Keratin 8, clone C-43 Monoclonal Antibody

**Catalog No.:** MON3035

**Quantity:** 1 ml

### **Specificity**

This monoclonal antibody reacts with the 52.5 kDa human keratin 8. The antigen isolated for immunization came from cytoskeleton preparation of HeLa cells. Cross-reactive with a wide variety of mammals such as sheep, pig, bovine and rabbit but no cross reactivity with rat, mouse chicken and Xenopus tissues.

### **Immunoglobulin type**

Murine IgG<sub>1</sub>

### **Use**

In immunochemistry on cultured cells it strongly reacts with epithelial cells.

In frozen section this antibody reacts strongly with all simple epithelia.

In paraffin embedded tissues it reacts weakly on methacarn or modified formalin fixed material. Formalin fixative is not advised. A protease pretreatment of the deparaffinized sections is advised. This antibody can be used for 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**

- Vojtesek, B., et al., 1989, Folia biol. 35, 373-382.
- Kovarik, J., et al., 1990, J. Tumor Marker Oncol. 5, 219.
- Bártek, J., et al., 1991, J. Pathology 164, 215-227.

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