

Keratins 4,5,6,8,10,13 and 18, clone C-11 Monoclonal Antibody

Catalog No.: MON 3039

Quantity: 1 ml

Specificity

This antibody is a broad spectrum anti Keratin antibody which reacts specifically with a variety of normal, reactive and neoplastic epithelia. The antibody reacts with simple epithelium and both basal and suprabasal layers of cornifying and non-cornifying squamous epithelia.

Immunogen: cytoskeleton preparation of human A431 carcinoma line.

Immunoglobulin type

Murine IgG1.

Use

This antibody is useful for immunohistochemistry and Western blotting.

Instructions for use

Immunohistochemistry on cultured cells: Strongly positive on Methanol/acetone fixed epithelial cells. Immunohistochemistry on frozen sections: strongly positive (Broad pan epithelial reactivity).

Immunohistochemistry on paraffin sections: Positive even on formalin-fixed material often requires protease pretreatment of the deparaffinized sections prior staining

use eventually the microwave antigen retrieval technique. Western blotting: strongly positive

ELISA: not tested. Positive controls: normal human skin. Staining pattern: cytoplasmic.

Advised working dilution is approximately 1:10.

Presentation

1 ml tissue culture supernatant with 15mM sodium azide.

Literature

- Vojtesek, B., et al., 1989, Folia Biol. 35, 373-382.
- Kovarik, J., et al., 1989, Int. J. Cancer, suppl. 3, 50-55.
- Vojtesek, B., et al., 1990, Neoplasia. 37, 333-342.
- Kovarik, J., et al., 1990, J. Tumor Marker Oncol., 5, 219.

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