



Category:
Monoclonal Antibodies

Cat. #
V1063

Product Name:
Cytokeratin 18- B23.1(DE-K18)

Description:

This antibody reacts with Cytokeratin 18 (45 kD) polypeptide and with a wide variety of simple epithelia. It does not react with stratified squamous epithelia. It reacts with epithelial tumors of the gastrointestinal tract, lung, breast, pancreas, ovary, and thyroid.

Immunogen:

PMC-42 Human Breast Carcinoma Cells.

Cellular Localization:

Cytoplasmic.

Application:

Immunohistochemistry (Paraffin/Frozen).

Species Reactivity:

Human. Others not tested.

Recommended Positive Control:

Colon Carcinoma.

Presentation:

20 mM Tris-Borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing Fetal Bovine Serum, BMC-6 Carrier Polysaccharides, Carrier Protein, and 0.05% Sodium Azide, pH 7.5.

Aliquoting Instructions:

Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4° C. Dilute according to the particular application being used. In general, the 0.05M Borate pH 8.0 containing 0.15M Sodium Chloride, 0.05% Sodium Azide, is a good diluent to use with most antibodies. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

Staining Procedure:

When using paraffin-embedded and formalin-fixed tissues, high temperature antigenic unmasking technique is strongly recommended for consistent and reproducible results. The optimal conditions should be determined by the individual laboratory. The antibody may be used at a dilution of 1:50 to 1:100.

Storage:

Store at 2~8 C for short term, freeze under -20 C for long term storage.

Size: 0.2mg

Clone: B23.1(DE-K18)

Isotype: IgG1

Host: Mouse

Form: Purified

Concentration: 0.5 mg / ml

Units On Hand: YES

References:

1. Moll R., et al., Cell, 31: 11, 1982.
2. Carlos Martin-Cordova, et. al., Journal of Histotechnology, 19:109, 1996

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Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com