



Category:
Monoclonal Antibodies

Cat. #
V1074

Product Name:
Cytokeratin 19 - Purified

Description:

This antibody reacts with Cytokeratin 19 (40 kD) intermediate filament and with a wide variety of Simple epithelia and non-squamous stratified epithelia. It does not react with stratified squamous Epithelia. However, cervical squamous cell carcinomas show positivity with this antibody.

Immunogen:

Keratin fraction isolated from Human Breast Cancer MCF-7 cells

Application:

Immunohistochemistry (Paraffin/Frozen) 1:50-1:100, WB--1:100-1:500

Species Reactivity:

Human. Weak reaction with Mouse & Rat. Others not tested.

Recommended Positive Control:

Skin, Colonic Carcinoma

Epitope:

aa 312-335

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:

Prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 1:50 to 1:100. The optimal conditions should be determined by the individual laboratory. High temperature antigen unmasking Technique is strongly recommended.

Size: 0.2 mg

Clone: B303(A53-B/A2)

Isotype: IgG2a, k

Host: Mouse

Form: purified

Concentration: 0.5mg/ml

Units On Hand: YES

Storage:

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

References:

1. Moll R, et al., Cell, 31:11, 1982.
2. Bartek J, et al., Eur J Cancer Clin Oncol, 22: 1441, 1986.
3. Bartek J, et al., Int J Cancer, 36: 299, 1985.
4. Smedts F, et al., Am J Pathol, 1992.

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