



Category: Monoclonal Antibodies **Cat. #:** V1064 **Product Name:** Cytokeratin 8 - Purified

Description:

This antibody reacts with Cytokeratin 8 (52 and 45 kD) human polypeptide. This cytokeratin coexists With Cytokeratin 18 and is found in all non-squamous epithelium but not in squamous epithelium. It reacts with the Adeno carcinomas of ovary, gastrointestinal tract, prostate, and thyroid.

Immunogen:

Cytoskeleton preparation from HeLa Cells

Cellular Localization:

Cytoplasm

Application:

Immunohistochemistry (Paraffin/Frozen) 1:50 -1:100

Species Reactivity:

Human. Others not tested.

Recommended Positive Control:

Colon, Lung, or Breast Carcinomas

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.

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. The high temperature antigenic unmasking technique is recommended with this antibody when using paraffin-embedded tissue sections.

Size: 0.2 mg

Clone: B491 (C43)

Isotype: IgG1

Host: Mouse

Form: Purified

Concentration: 0.5 mg/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.

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