



Category:
Monoclonal Antibodies

Cat. #
V1148

Product Name:
Pan Cytokeratin, Pan CK-II – Purified

Description:

Ms Mab. Anti-Human Pan Cytokeratin II (Pan CK-II)

Immunogen:

Keratin fraction isolated from cultured cell line A-431, epidermoid carcinoma of vulva.

Cellular Localization:

Cytoplasmic

Application:

IHC (FFPE) 1:50-1:100 (Requires high temp. antigen demaking; 10 mM Citrate pH 6.0 boiling tissue for 10-20 mins. followed by cooling at RT for 10-20 mins. Western Blotting 1:100-1:400; Immunoprecipitation.

Species Reactivity:

Human, Bovine, Rat, Mouse. This antibody shows wide interspecies cross-reactivity.

Recommended Positive Control:

Skin, Colonic 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:

Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% 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:

This antibody can be used on frozen tissue sections and on formalin-fixed, paraffin-embedded tissue sections. The antibody may be used at a dilution of 1:50-1:100.

Specificity:

This antibody recognizes keratin polypeptides with molecular weights of 59, 58, 56, 52.5, 56.5, 54 and 45 kD, which correspond to cytokeratins 4,5,6,8,10,13 and 18.

Storage:

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

Size: 0.2mg

Clone: B311(C11)

Isotype: IgG1,k

Host: Mouse

Form: Purified

Mol. Wt. of Antigen: 45, 52.5, 54, 56, 56.5, 58, & 59 kD

Concentration: Antibody 0.5 mg/ml

Units On Hand: YES

References:

1. Bartek, J. et al, J Pathology, 164:215-224, 1991.
2. Kasper, M Histochemistry, 95:613-620, 1991
3. Bartkova, T et al. Neoplasia, 38:439-446, 1991

For Research Use Only

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