



Product Information Sheet

Monoclonal Anti-Pan cytokeratin, PCK

Catalogue No. MA1081

Immunogen

mixture of several monoclonal cytokeratin clones.

Lot No. 08A12

Purification

Purified by the goat anti-mouse IgG affinity chromatography.

Clone: IML-91

Ig type: mouse IgG2a/ IgG1

Application

Western blot

At 1-2µg/ml with the appropriate system to detect PCK in cells and tissues.

Size: 100µg/vial

Specificity

Human, rat.

No cross reactivity with other proteins.

Immunohistochemistry(P)

At 2-5µg/ml to detect PCK in formalin fixed and paraffin embedded tissues.

Immunohistochemistry(F)

At 2-5µg/ml to detect PCK in formalin or acetone fixed tissues.

Other applications have not been tested.

Optimal dilutions should be determined by end user.

Recommended application

Western blot

Immunohistochemistry(P)

Immunohistochemistry(F)

Formulation

Lyophilized from 1.2% sodium acetate, with 2mg BSA and 0.01mg NaN₃ as preservative.

Reconstitution

1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100µg/ml.

To reorder contact us at:

Antagene, Inc.

Toll Free: 1(866)964-2589

email: Info@antageneinc.com

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for longer time.

BACKGROUND

Monoclonal anti cytokeratins are specific markers of epithelial cell differentiation and have been widely used as tools in tumor identification and classification. Monoclonal Anti Pan Cytokeratin (mixture) is a broadly reactive reagent, which recognizes epitopes present in most human epithelial tissues.

REFERENCE

- 1 Rastaldi MP et al. Glomerular podocytes contain neuron-like functional synaptic vesicles. *FASEB J* 20:976-8 (2006).
2. Wen J et al. Use of superparamagnetic microbeads in tracking subretinal injections. *Mol Vis* 11:256-62 (2005).