



Product Information Sheet

Monoclonal Anti-Cytokeratin Peptide 13

Catalogue No. MA1025

Lot No. 08A12

Clone: CK-13

Ig type: mouse IgG1

Size: 100µg/vial

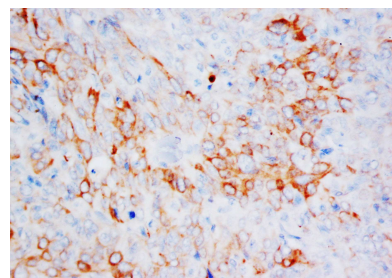
Specificity

Human.

No cross reactivity with other proteins.

Recommended application

Immunohistochemistry(P)



Immunogen

The cultured human epidermoid carcinoma cell line A-431.

Purification

Purified by the goat anti-mouse IgG affinity chromatography.

Application

Immunohistochemistry(P)

At 2-4µg/ml to detect cytokeratin peptide 13 in formalin fixed and paraffin embedded tissues.

Other applications have not been tested.

Optimal dilutions should be determined by end user.

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.

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.

To reorder contact us at:

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BACKGROUND

Cytokeratin 13 is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Cytokeratin 13 was mapped to chromosome 17 by PCR amplification with cytokeratin 13-specific DNA antimers of a human-hamster somatic cell hybrid DNA panel.

REFERENCE

Romano, V.; Bosco, P.; Raimondi, E.; Feo, S.; Leube, R.; Franke, W.; Ceratto, N. : *Chromosomal mapping and physical linkage analysis of human acidic cytokeratin genes. (Abstract) Cytogenet. Cell Genet.* 58: 2009-2010, 1991.

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