

## CK5 monoclonal antibody

Catalog: MB21739

Host: Mouse

Reactivity: Human

### BackGround:

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. <br />

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

62.3kDa

### Swiss-Prot:

P13647

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000

### Storage&Stability:

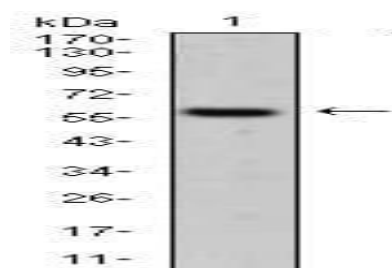
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

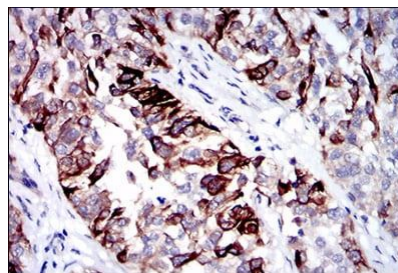
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using CK5 mouse mAb against A431 cell lysate.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using CK5 mouse mAb with DAB staining.

### Note:

For research use only, not for use in diagnostic procedure.

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