

## KRT13 monoclonal antibody

Catalog: MB23024

Host: Mouse

Reactivity: Human

### BackGround:

The protein encoded by this gene 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. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Mutations in this gene and keratin 4 have been associated with the autosomal dominant disorder White Sponge Nevus. The type I cytokeratins are clustered in a region of chromosome 17q21.2. Alternative splicing of this gene results in multiple transcript variants; however, not all variants have been described.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

49.5kDa

### Swiss-Prot:

P13646

### 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 FC:1/200 - 1/400

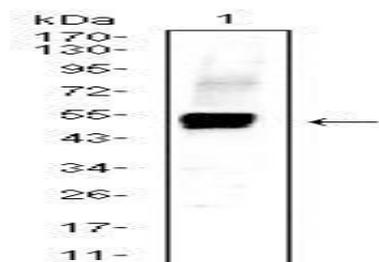
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

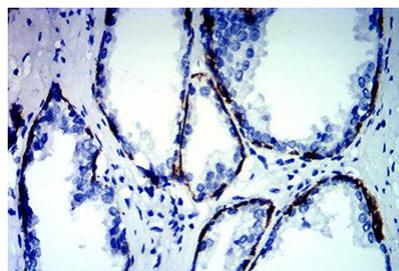
### Isotype:

Mouse IgG1

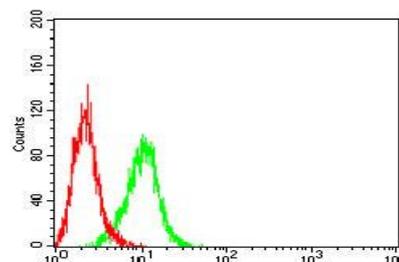
### DATA:



Western blot analysis using KRT13 mouse mAb against A431 (1) cell lysate.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissues using KRT13 mouse mAb with DAB staining.



Flow cytometric analysis of A431 cells using KRT13 mouse mAb (green) and negative control (red).

### Note:

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

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