

## KRT2 monoclonal antibody

Catalog: MB23133

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 expressed largely in the upper spinous layer of epidermal keratinocytes and mutations in this gene have been associated with bullous congenital ichthyosiform erythroderma. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

65.4kDa

### Swiss-Prot:

P35908

### 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 IF:1/200 - 1/1000  
FC:1/200 - 1/400

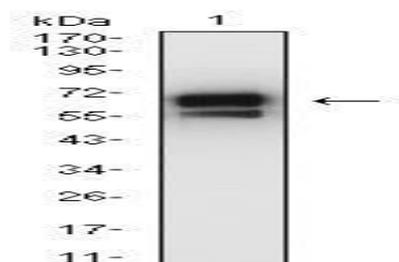
### Storage&Stability:

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

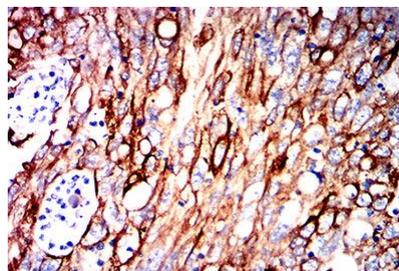
### Isotype:

Mouse IgG2a

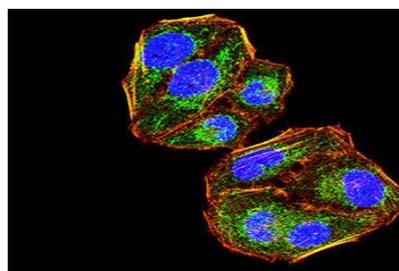
### DATA:



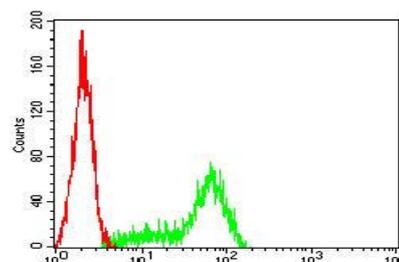
Western blot analysis using KRT2 mouse mAb against A431 (1) cell lysate.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using KRT2 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using KRT2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

Flow cytometric analysis of Hela cells using KRT2 mouse mAb (green) and negative control (red).

**Note:**

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

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