

## Cytokeratin 5 monoclonal antibody

Catalog: MB66589

Host: Mouse

Reactivity: Human, Mouse, Rat

### BackGround:

Keratins (cytokeratins) are intermediate filament proteins that are mainly expressed in epithelial cells. Keratin heterodimers composed of an acidic keratin (or type I keratin, keratins 9 to 23) and a basic keratin (or type II keratin, keratins 1 to 8) assemble to form filaments. Keratin isoforms demonstrate tissue- and differentiation-specific profiles that make them useful as research biomarkers. Research studies have shown that mutations in keratin genes are associated with skin disorders, liver and pancreatic diseases, and inflammatory intestinal diseases.

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

### Molecular Weight:

~ 55 kDa

### Swiss-Prot:

P13647

### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

### Applications:

WB (1/500 - 1/1000)

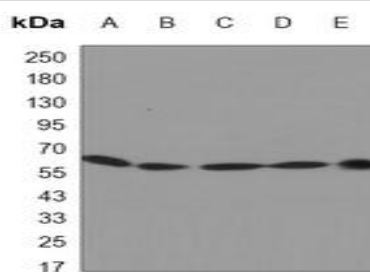
### Storage&Stability:

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

### Specificity:

Recognizes endogenous levels of Cytokeratin 5 protein.

### DATA:



Western blot analysis of Cytokeratin 5 expression in C6 (A), NIH3T3 (B), A549 (C), MCF7 (D), HeLa (E) whole cell lysates.

### Note:

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

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