

## Cytokeratin 7 (C-terminus) monoclonal antibody

Catalog: MB0081

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 simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. Alternative splicing may result in several transcript variants; however, not all variants have been fully described.

### Product:

Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

### Molecular Weight:

Predicted band size: 51KDa

Observed band size: 55KDa

### Swiss-Prot:

P08729

### 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: 1:1000

ICC: 1:100~200

### Storage&Stability:

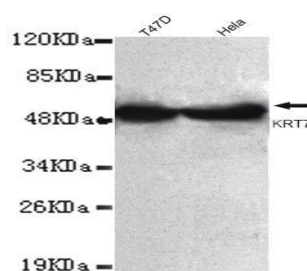
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

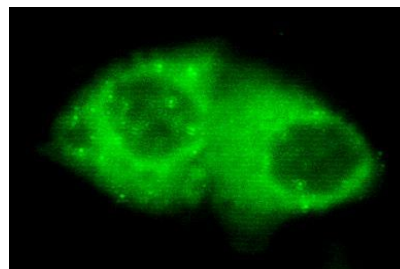
### Specificity:

This antibody detects endogenous levels of Cytokeratin 7 (C-terminus) and does not cross-react with related proteins

### DATA:



Western blot detection of Keratin 7 (C-terminus) antibody in T47D&HeLa Lung cell lysates using Keratin 7 (C-terminus) antibody (1:1000 diluted) .



Immunocytochemistry of HeLa cells using anti- Keratin 7(C-terminus) antibody diluted 1:150.

### Note:

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

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