



# Keratin 7(C-term)

## Mouse monoclonal Antibody

### #53566

**Catalog Number:** 53566

**Amount:** 100µg/100µl

**Swiss-Prot No. :** P08729

**Gene name:** krt7

**Gene id:** 3855

**Clone Number:** 4G9-D8-H6

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

**Storage/Stability:** Store at -20°C/1 year

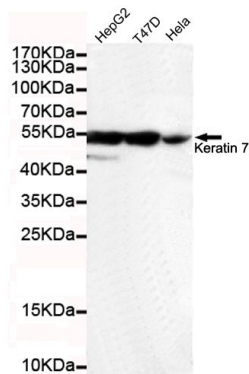
**Immunogen:** Purified recombinant human Keratin 7 protein fragments expressed in E.coli.

**Purification:** affinity-chromatography

**Specificity/Sensitivity:** This antibody detects endogenous levels of Keratin 7 and does not cross-react with related proteins

**Reactivity:** Human

**Applications:** Predicted MW: 55 kd WB: 1:1000 ICC:1:150



Western blot detection of Keratin 7(C-terminus) in T47D, HeLa and HepG2 cell lysates using Keratin 7(C-terminus) mouse mAb (1:1000 diluted). Predicted band size: 55KDa, Observed band size: 55KDa.

### 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.