



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

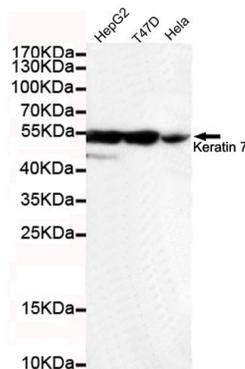
Immunogen: Purified recombinant human Keratin 7 protein fragments expressed in E.coli.

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.