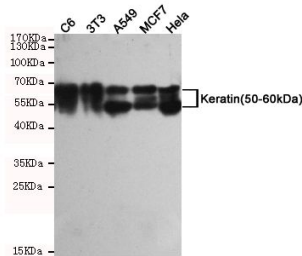




KRT5

Mouse monoclonal Antibody

#53617

Catalog Number: 53617**Amount:** 100µg/100µl**Swiss-Prot No. :** P13647**Gene name:** krt5**Gene id:** 3852**Clone Number:** 7H5-B5-B6-G8**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 KRT5 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of KRT5 and does not cross-react with related proteins**Reactivity:** Human, Mouse, Rat**Applications:** Predicted MW: 62kd WB: 1:2000

Western blot detection of Keratin(50-60kDa) in C6, 3T3, A549, MCF7 and Hela cell lysates using Keratin(50-60kDa) mouse mAb (1:2000 diluted). Predicted band size 50~60kDa. Observed band size: 50~60kDa.

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 basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.