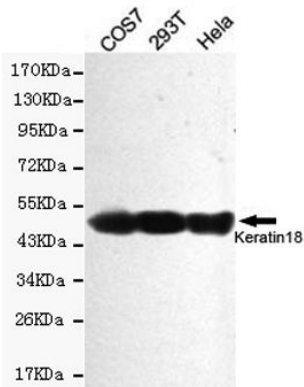


**Keratin18****Mouse monoclonal Antibody****#53147****Catalog Number:** 53147**Amount:** 100µg/100µl**Swiss-Prot No. :** P05783**Gene name:** krt18**Gene id:** 3875**Clone Number:** 2B5-B6-F7**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human Keratin18 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of Keratin18 and does not cross-react with related proteins**Reactivity:** Human, Monkey**Applications:** Predicted MW: 46kd WB: 1:2000 ICC:1:800

Western blot detection of Keratin 18 in HeLa, COS7 and 293T cell lysates using Keratin 18 mouse mAb (1:2000 diluted). Predicted band size: 46KDa. Observed band size: 46KDa.

Background:

KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene.