

Product Datasheet

Cytokeratin 17 (8C6) Mouse mAb

Catalog No: AB3519

Reactivity: Human

Isotype: Mouse IgG1

Applications: WB,IHC,ICC/IF,IP



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Information

UniProt ID: Q04695

All Names: Keratin; type I cytoskeletal 17; Cytokeratin-17; CK-17; Keratin-17; K17

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 48kDa

Application

WB: 1/500-1/1000

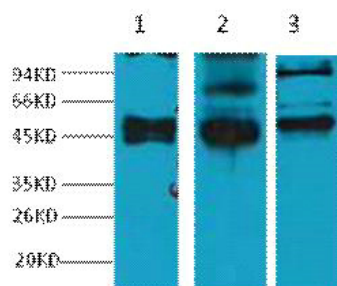
IHC: 1/50-1/100

ICC/IF: 1/50-1/200

IP: 1/20

Background

Swiss-Prot Acc.Q04695.Type I keratin involved in the formation and maintenance of various skin appendages, specifically in determining shape and orientation of hair . Required for the correct growth of hair follicles, in particular for the persistence of the anagen (growth) state . Modulates the function of TNF-alpha in the specific context of hair cycling. Regulates protein synthesis and epithelial cell growth through binding to the adapter protein SFN and by stimulating Akt/mTOR pathway . Involved in tissue repair. May be a marker of basal cell differentiation in complex epithelia and therefore indicative of a certain type of epithelial



Western blot analysis of Cytokeratin 17 (8C6) in HeLa, MCF7, 293T lysates using Cytokeratin 17 (8C6) antibody.

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