

Product Datasheet

Cytokeratin 17 Antibody



Catalog No: CY5514

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC

www.abways.com

Information

UniProt ID: Q04695

All Names: 39.1; CK-17; Cytokeratin-17; K17; K1C17; keratin 17; Keratin, type I cytoskeletal 17; Keratin-17; KRT17; PC; PC2; PCHC1;

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.: 48 kDa

Application

WB : 1:1000~1:2000

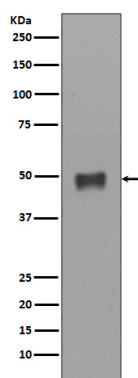
IHC : 1:50~1:200

ICC/IF : 1:50~1:200

FC : 1:30

Background

Type I keratin involved in the formation and maintenance of various skin appendages, specifically in determining shape and orientation of hair (By similarity). Required for the correct growth of hair follicles, in particular for the persistence of the anagen (growth) state (By similarity). 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 (By similarity). Involved in tissue repair. May be a marker of basal cell differentiation in complex epithelia and therefore indicative of a certain type of epithelial "stem cells". Acts as a promoter of epithelial proliferation by acting a regulator of immune response in skin: promotes Th1/Th17-dominated immune environment contributing to the development of basaloid skin tumors (By similarity). May act as an autoantigen in the immunopathogenesis of psoriasis, with certain peptide regions being a major target for autoreactive T-cells and hence causing their proliferation.



Western blot analysis of Cytokeratin 17 expression in HACAT cell lysate.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com