

Product Name: Cytokeratin 17 Mouse Monoclonal Antibody**Catalog #: AMM84965**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 48 kDa; Observed MW: 48 kDa

Antigen Information

Gene Name	Cytokeratin 17
Alternative Names	Keratin; type I cytoskeletal 17; Cytokeratin-17; CK-17; Keratin-17; K17
Gene ID	3872.0
SwissProt ID	Q04695
Immunogen	Synthetic Peptide of CK17

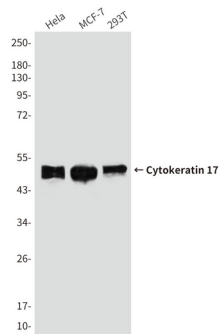
Background

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

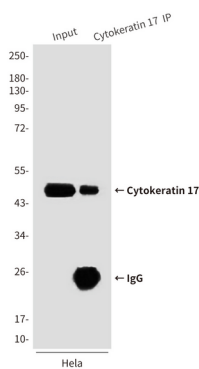
repair.

Research Area

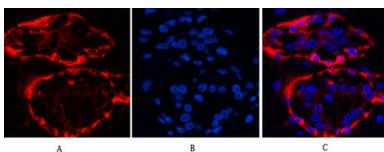
Image Data



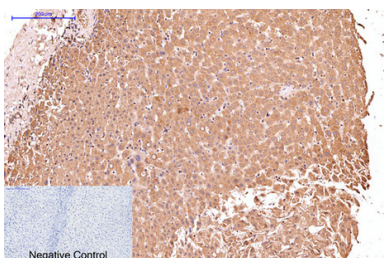
Western blot analysis of Cytokeratin 17 in HeLa, MCF-7, 293T lysates using Cytokeratin 17 antibody



Immunoprecipitation analysis of Cytokeratin 17 in HeLa lysates using Cytokeratin 17 antibody



Immunofluorescence analysis of Cytokeratin 17 in Human breast tissue using CK17 antibody(red),and DAPI (blue).



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using Cytokeratin 17 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.