

Product Name: Cytokeratin 17 (8C6) Mouse Monoclonal Antibody
Catalog #: AMM00866

Summary

Production Name	Cytokeratin 17 (8C6) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC-P,ICC/IF,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	KRT17
Alternative Names	Keratin; type I cytoskeletal 17; Cytokeratin-17; CK-17; Keratin-17; K17
Gene ID	3872
SwissProt ID	Q04695.

Application

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

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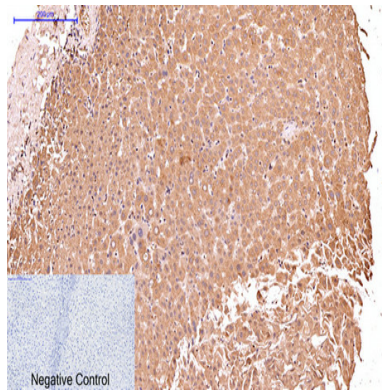
Background

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.

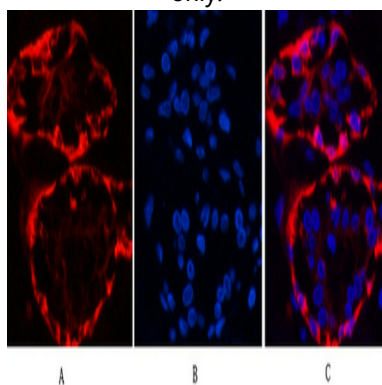
Research Area

Signal Transduction

Image Data

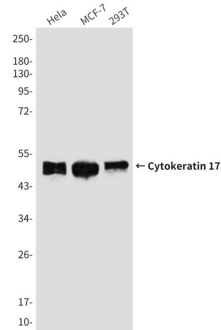


Immunohistochemistry analysis of paraffin-embedded Human liver tissue using Cytokeratin 17 (8C6) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.

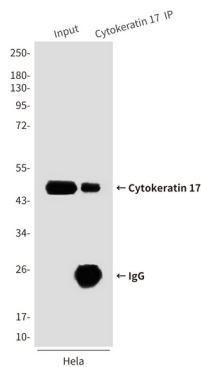


Immunofluorescence analysis of Cytokeratin 17 (8C6) in Human breast tissue using CK17 antibody (red), and DAPI (blue).

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Western blot analysis of Cytokeratin 17 (8C6) in HeLa, MCF-7, 293T lysates using Cytokeratin 17 (8C6) antibody



Immunoprecipitation analysis of Cytokeratin 17 in HeLa lysates using Cytokeratin 17 (8C6) antibody

Note

For research use only.