

## CYTOKERATIN 17 (8C6) MOUSE MAB

**Cat.#:** N261229

**Product Name:** Anti-Cytokeratin 17 (8C6) Mouse Monoclonal Antibody

**Synonyms:** Keratin; type I cytoskeletal 17; Cytokeratin-17; CK-17; Keratin-17; K17

**UNIPROT ID:** Q04695

**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.

**Immunogen:** Synthetic Peptide of CK17

**Applications:** WB,IHC-P,ICC/IF,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 8C6-4H2-5C1

**MW:** Calculated MW: 48 kDa; Observed MW: 48 kDa

**Isotype:** IgG1

**Purification:** Affinity Purified

**Species Reactivity:** Human

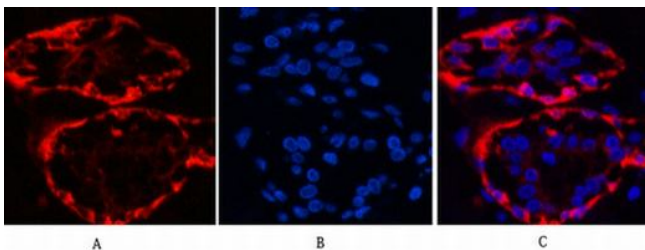
**Conjugation:** Unconjugated

**Modification:** Unmodified

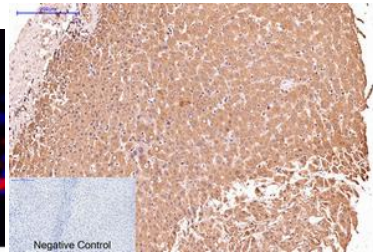
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

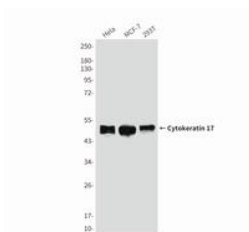
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



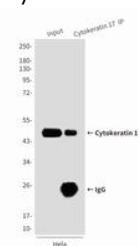
Immunofluorescence analysis of Cytokeratin 17 (8C6) in Human breast tissue using CK17 antibody (red), and DAPI (blue).



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.



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