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
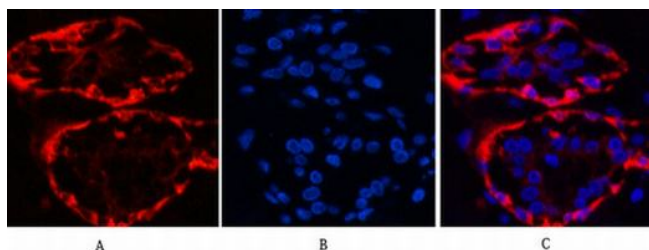
Species Reactivity: Human

Conjugation: Unconjugated
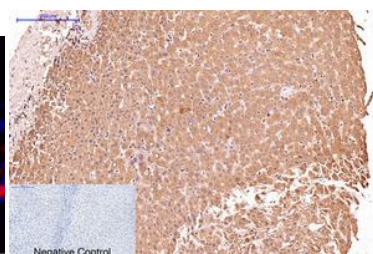
Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

**Storage & Shipping:** Store at -20ºC. 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.
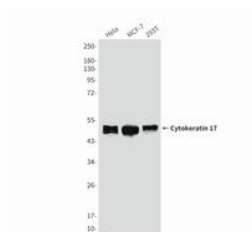
Western blot analysis of Cytokeratin 17 (8C6) in Hela, MCF-7, 293T lysates using Cytokeratin 17 (8C6) antibody
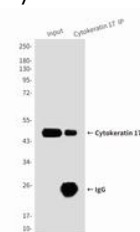
Immunoprecipitation analysis of Cytokeratin 17 in Hela lysates using Cytokeratin 17 (8C6) antibody