

CYTOKERATIN 7 (4G9) MOUSE MAB

Cat.#: N261023

Product Name: Anti-Cytokeratin 7 (4G9) Mouse Monoclonal Antibody

Synonyms: CK 7; CK-7; ck7; Cytokeratin 7; Cytokeratin-7; Cytokeratin7; D15Wsu77e; K2C7; K2C7_HUMAN; K7; Keratin 55k type ii cytoskeletal; Keratin 7; Keratin simple epithelial type 1 k7; Keratin type II cytoskeletal 7

UNIPROT ID: P08729

Background: K7 a type II cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Phosphorylation of keratins at specific sites affects their organization, assembly dynamics, and their interaction with signaling molecules. Specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels.

Immunogen: Purified recombinant human Keratin 7 protein fragments expressed in E.coli.

Applications: WB,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 4G9-D8-H6

MW: Calculated MW: 51 kDa; Observed MW: 55 kDa

Isotype: IgG2b

Purification: Affinity Purified

Species Reactivity: Human

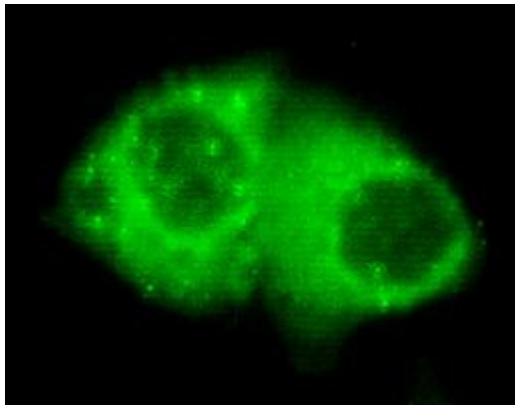
Conjugation: Unconjugated

Modification: Unmodified

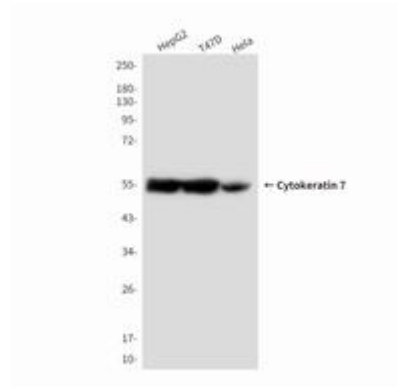
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

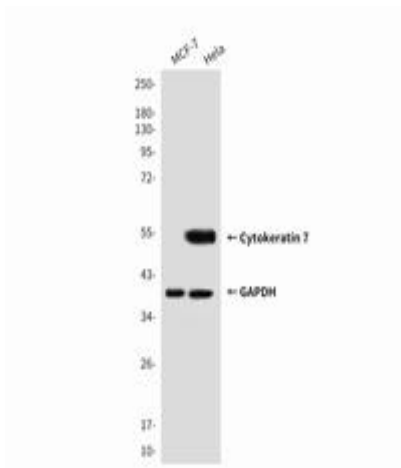
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of Cytokeratin 7 in HeLa cells using Cytokeratin 7 antibody.



Western blot analysis of Keratin 7(Cterminus) in T47D, HeLa and HepG2 lysates using Keratin 7(Cterminus) antibody.



Western blot analysis of Cytokeratin 7 (4G9) in HeLa lysates which is positive expression and MCF-7 lysates which is negative expression using Keratin 7(Cterminus) antibody.