CYTOKERATIN 7 RABBIT MAB

Cat.#: N262109

Product Name: Anti-Cytokeratin 7 Rabbit 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: A synthetic peptide of human Cytokeratin 7

Applications: WB,IHC-F,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: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R03-2E7

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

Isotype: IgG

Purification: Affinity Purified
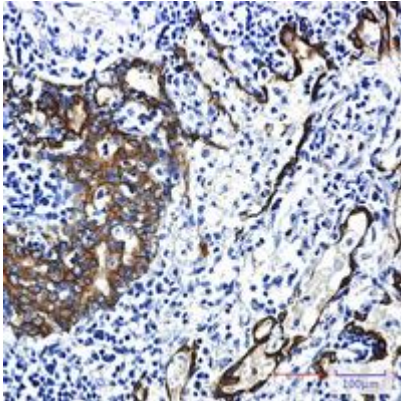
Species Reactivity: Human

Conjugation: Unconjugated
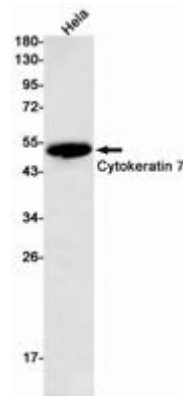
Modification: Unmodified

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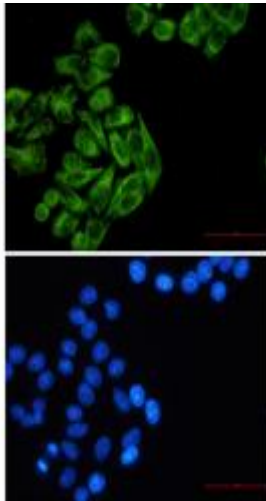
Research Areas: Signal Transduction

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

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Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Cytokeratin 7 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Western blot analysis of Cytokeratin 7 in Hela lysates using Cytokeratin 7 antibody.

Immunocytochemistry analysis of Cytokeratin 7 (green) in Hela using Cytokeratin 7 antibody,and DAPI(blue)