

## CYTOKERATIN 7 (9G9) MOUSE MAB

**Cat.#:** N261216

**Product Name:** Anti-Cytokeratin 7 (9G9) 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:** Synthetic Peptide of CK7

**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:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 9G9-4D9-9E10

**MW:** Calculated MW: 51 kDa; Observed MW: 54 kDa

**Isotype:** IgG1

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

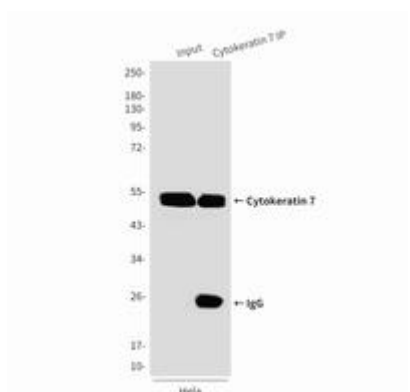
**Conjugation:** Unconjugated

**Modification:** Unmodified

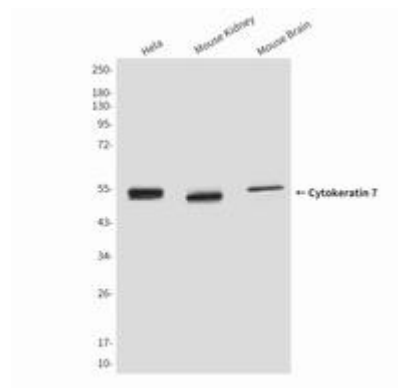
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

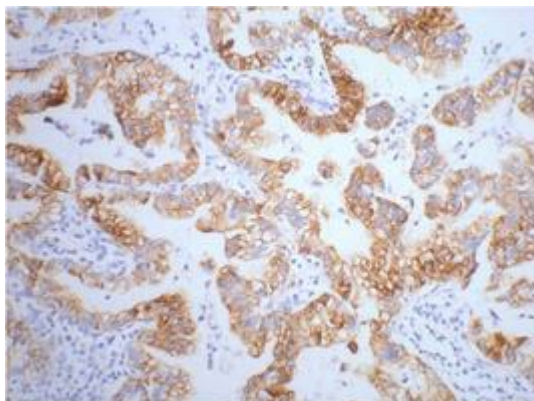
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



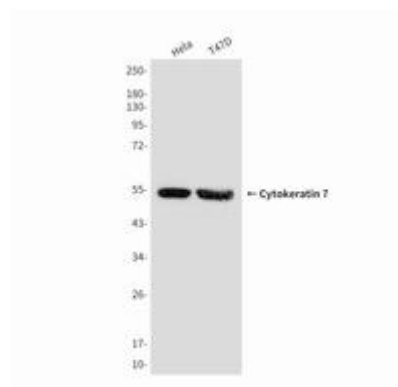
Immunoprecipitation analysis of Cytokeratin 7 in HeLa lysates using Cytokeratin 7 (9G9) antibody



Western blot analysis of Cytokeratin 7 in HeLa, mouse Kidney, mouse Brain using Cytokeratin 7 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using Cytokeratin 7 (9G9) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Cytokeratin 7 (9G9) in T47D and HeLa lysates using Cytokeratin 7 (9G9) antibody