

CK7 Mouse Monoclonal Antibody(12D7)

Catalog TDY077C TDY077F

Tel: 010-82908854

Quantity 50μL 100μL

Free: 400-0620-621

Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC, IP	H, M, R	~54KD	IgG1

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

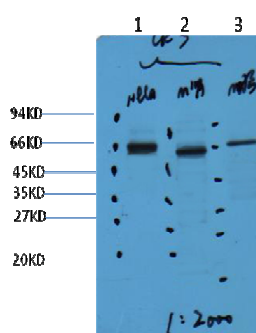
Store at **-20°C**. **Do not aliquot the antibody.**

Recommended dilutions: WB: 1:1,000-2,000 IHC: 1:200 IP: 1:200

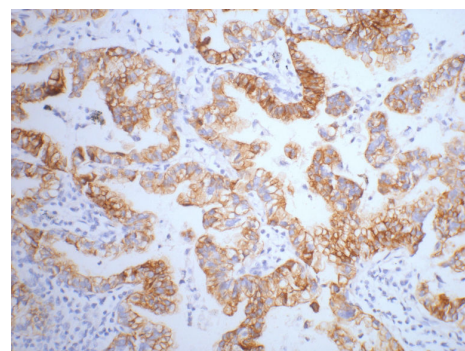
Optimal dilutions should be determined by the end user.

Specificity: The CK7 Mouse Monoclonal antibody detects endogenous CK7 proteins.

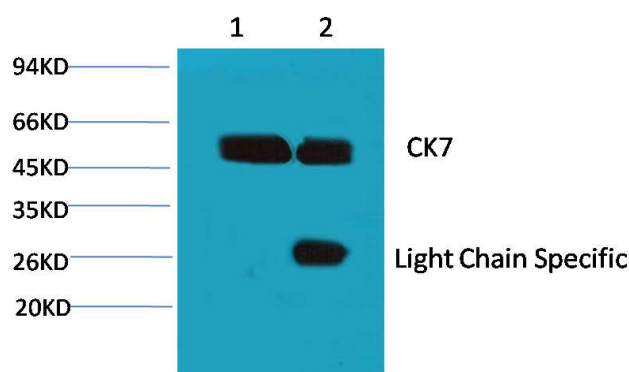
Background: Cytokeratin 7 is a 54kD intermediate filament protein found in a variety of glandular epithelia. Cytokeratin 7 has been found in columnar and glandular epithelium of the lung, cervix, breast, bile ducts and larger collecting ducts of the kidney. It is present in the transitional epithelium of bladder as well as ovarian and lung epithelia, and occasionally staining of blood vessel cell walls, particularly endothelial cells, may be observed. However, Cytokeratin 7 is not expressed by epithelial cells of the gastrointestinal tract, colon or prostate. Keratin 7 is often co expressed with keratin 19.



Western blot analysis of 1) HeLa, 2) Mouse Kidney, 3) Mouse Brain with CK7 mAb diluted at 1:2,000.



IHC staining of human lung cancer tissue with CK7 mouse mAb(12D7) diluted at 1:200.



1, Input: HeLa Cell Lysate

2, IP product: IP dilute 1:200

Western blot analysis: primary antibody : TDY077 1:1,000

Secondary antibody: Goat anti-Mouse IgG, Light chain specific(S003), 1:5,000