



CK7 Mouse Monoclonal Antibody

E12-077

Catalog Number: E12-077**Amount:** 100µg/100µl**Clone Number:** 12D7

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.

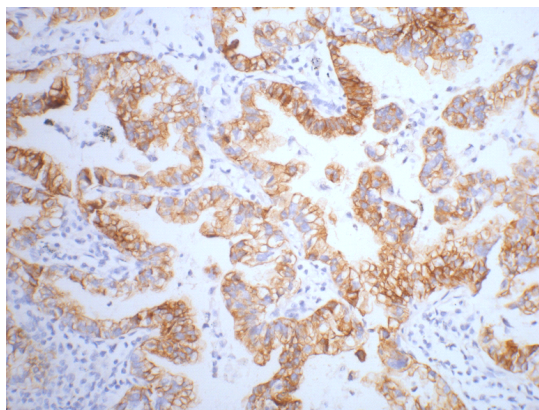
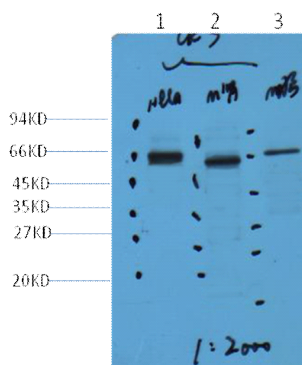
Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Specificity/Sensitivity: The CK7 Mouse Monoclonal antibody detects endogenous CK7 proteins (~54KD).

Reactivity: Human, Mouse, Rat

Applications: WB: 1:1,000-2,000 IHC: 1:200



Western blot analysis of Hela (lane 1), IHC staining of human lung cancer tissue with CK7 Mouse Kidney (lane 2) and Mouse Brain mouse mAb(12D7) diluted at 1:200. (lane 3) with CK7 mAb diluted at 1:2,000.

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