



Anti-Pan-Cytokeratin Monoclonal Antibody, Purified

E16THU009

<u>Catalog No.</u>	<u>Size</u>
E16THU009-050	50µL
E16THU009-100	100µL

Description: Cytokeratins comprise a diverse group of intermediate filament proteins (IFPs) that are expressed as pairs in both keratinized and non-keratinized epithelial tissue. Cytokeratins play a critical role in differentiation and tissue specialization and function to maintain the overall structural integrity of epithelial cells. Cytokeratins have been found to be useful markers of tissue differentiation which is directly applicable to the characterization of malignant tumors. For example, cytokeratins 10 and 13 are expressed highly in a subset of squamous cell carcinomas while cytokeratin 18 is expressed in a majority of adenocarcinomas and basal cell carcinomas.

Storage: Store at 4°C, DO NOT FREEZE. Stable for one year. Non-hazardous. No MSDS required.

Clone: 4AC11

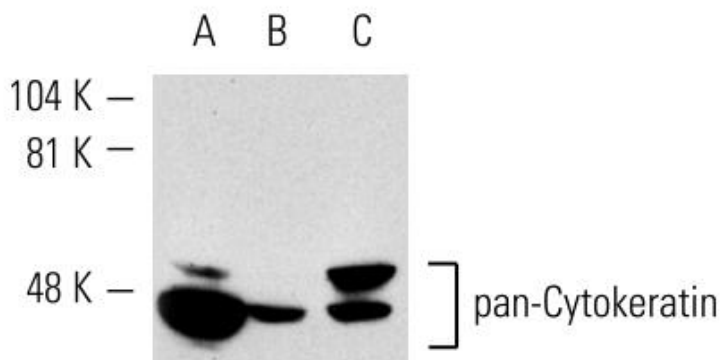
Source: Mouse

Formulation: 0.01M PBS, 0.09%NaN₃, pH 7.4

Application: WB; IHC; IP; IF; FC; Solid Phase ELISA

Under different test conditions, the best working concentration may be different, please work

according to the results of preliminary experiments to determine the best concentration.



Experiment: **Western Blot Test**

Western blot analysis of Cytokeratin protein expression in MCF7 (A), HeLa (B) and A-431 (C) whole cell lysates with pan-Cytokeratin (4AC11) Purified Ab

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