Product datasheet

Anti-Pan cytokeratin Antibody

Catalog Number: *BM0030*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-Pan cytokeratin Antibody
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1
Species Reactivity	human, mouse
Tested Application	WB, IHC, IF
Contents	200ug/ml antibody with PBS， 0.02% NaN3 , 1mg BSA and 50% glycerol.
Immunogen	Cytokeratin from human epidermis.
Concentration	200ug/ml
Purification	Ascites
Observed MW	54 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-400 Immunofluorescence (IF): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

Monoclonal anti cytokeratins are specific markers of epithelial cell differentiation and have been widely used as tools in tumor identification and classification. Monoclonal Anti Pan Cytokeratin (mixture) is a broadly reactive reagent, which recognizes epitopes present in most human epithelial tissues.

Reference

Anti-Pan cytokeratin Antibody被引用在55文献中。

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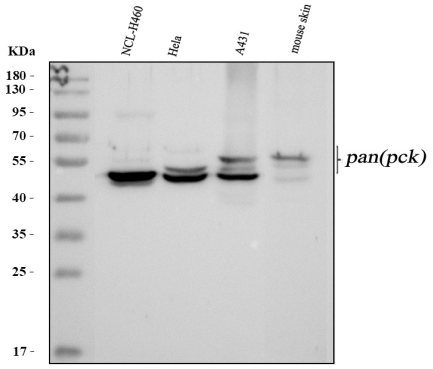
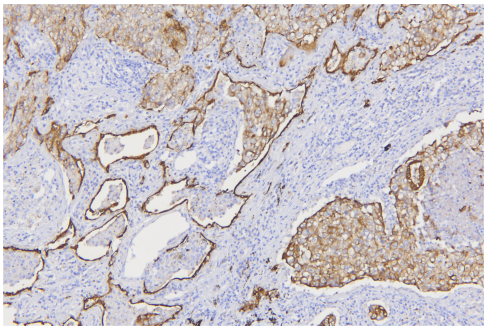
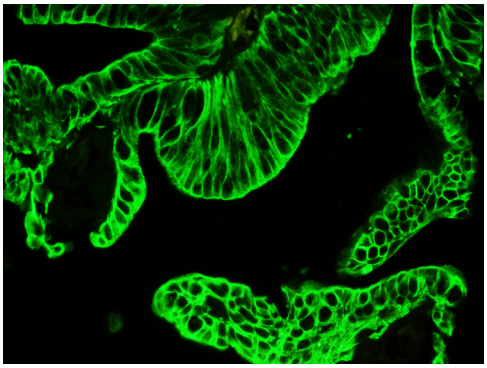
Selected Validation Data



Western blot analysis of anti- Pan cytokeratin antibody (BM0030). The sample well of each lane was loaded with 50ug of sample under reducing conditions.
Lane 1: MCL-H460 whole cell lysates,
Lane 2: Hela whole cell lysates,
Lane 3: A431 whole cell lysates,
Lane 4: mouse skin tissue lysates.
Use mouse anti- Pan cytokeratin 1:1000, probed with a goat anti-mouse IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1001). A specific band was detected for Pan cytokeratin at approximately 54KD. The expected band size for Pan cytokeratin is at 54KD.



IHC analysis using anti- Pan cytokeratin antibody (BM0030). detected in paraffin-embedded section of human Lung cancer tissue. Biotinylated goat anti-mouse IgG was used as secondary antibody. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) (Catalog # SA1021) with DAB as the chromogen.



IF analysis using anti- Pan cytokeratin antibody (BM0030). detected in paraffin-embedded section of human intestine cancer tissue. The tissue section were stained using the FITC Conjugated AffiniPure Goat Anti-mouse IgG (H+L) Secondary Antibody (green)(Catalog#BA1101) .