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## CK18 Mouse mAb

Catalog Number: bsm-33102M

Target Protein: CK18

Concentration: 1mg/ml

Form: Size : 50ul/100ul/200ul

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 4H7

Isotype: IgG

Applications: WB (1:500-1000), ICC/IF (1:100)

Reactivity: Human

Predicted MW: 48 kDa

Entrez Gene: 3875

Swiss Prot: P05783

Purification: affinity purified by Protein G

Storage: Size : 50ul/100ul/200ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Size : 200ug (PBS only)

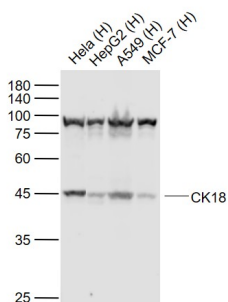
0.01M PBS

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

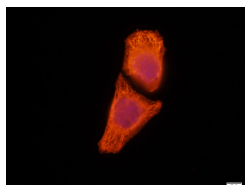
**Background:** KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

### VALIDATION IMAGES

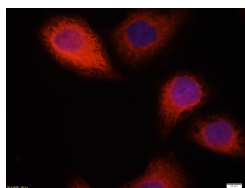
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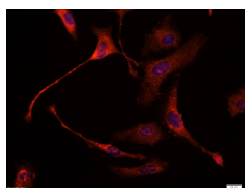
Sample: Lane 1: HeLa (Human) cell Lysate at 30 ug Lane 2: HepG2 (Human) cell Lysate at 30 ug Lane 3: A549 (Human) cell Lysate at 30 ug Lane 4: MCF-7 (Human) cell Lysate at 30 ug Primary: Anti-CK18 (bsm-33102M ) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 45 kD



Tissue/cell:HeLa cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (CK18) monoclonal Antibody, Unconjugated (bsm-33102M) 1:100, 90 minutes at 37°C; followed by a CY3 conjugated Goat Anti-Mouse IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



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## PRODUCT SPECIFIC PUBLICATIONS

[IF=5.7] Zhang Jingbo. et al. Microbial interventions in yak colibacillosis: Lactobacillus-mediated regulation of intestinal barrier. FRONT CELL INFECT MI. 2024 Feb;14: ICC ; Yak . 38390621