

bsm-33102M**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

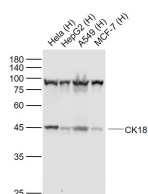
sales@bioss.com.cn

techsupport@bioss.com.cn

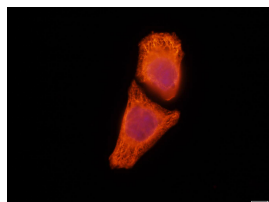
400-901-9800

CK18 Mouse mAb**DATASHEET**

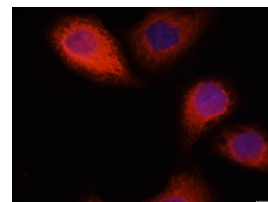
Host: Mouse Clonality: Monoclonal GeneID: 3875 Target: CK18 Purification: affinity purified by Protein G Concentration: 1mg/ml Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	Isotype: IgG CloneNo.: 4H7 SWISS: P05783	Applications: WB (1:500-1000) ICC/IF (1:100) Reactivity: Human Predicted MW.: 48 kDa Subcellular Location: Cytoplasm ,Nucleus
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

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.



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.

SELECTED CITATIONS

- **[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