
CK18 Mouse mAb

Catalog Number: bsm-33101M

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.: 3C3

Isotype: IgG

Applications: WB (1:500-1000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Rat (predicted:Mouse)

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.

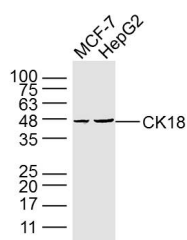
Size : 200ug (PBS only)

0.01M PBS

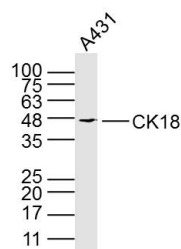
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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]

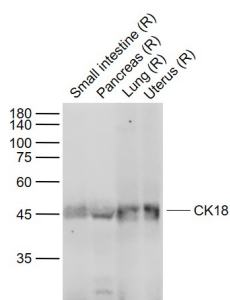
VALIDATION IMAGES



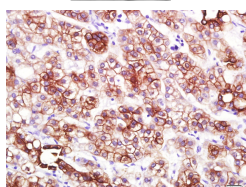
Sample: MCF-7 Cell (Human) Lysate at 40 ug HepG2 Cell (Human) Lysate at 40 ug Primary: Anti- CK18 (bsm-33101M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 48 kD



Sample: A431 Cell (Human) Lysate at 40 ug Primary: Anti- CK18 (bsm-33101M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 48 kD



Sample: Lane 1: Small intestine (Rat) Lysate at 40 ug Lane 2: Pancreas (Rat) Lysate at 40 ug Lane 3: Lung (Rat) Lysate at 40 ug Lane 4: Uterus (Rat) Lysate at 40 ug Primary: Anti-CK18 (bsm-33101M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 45 kD



Paraformaldehyde-fixed, paraffin embedded (Human liver cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CK18) Monoclonal Antibody, Unconjugated (bsm-33101M) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.279] Qiushuang Sun. et al. Regulation on Citrate Influx and Metabolism through Inhibiting SLC13A5 and ACLY: A Novel Mechanism Mediating the Therapeutic Effects of Curcumin on NAFLD. J Agr Food Chem. 2021;XXXX(XXX):XXX-XXX WB ; Mouse . 34323067

[IF=4.275] Xiuyun Xu. et al. Sox9+ cells are required for salivary gland regeneration after radiation damage via the Wnt/ β -catenin pathway. J Genet Genomics. 2021 Oct; IF ; Mouse . 34757039