

bsm-52058R**[Primary Antibody]**

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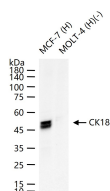
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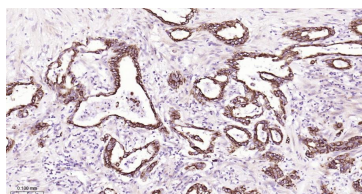
400-901-9800

CK18 Recombinant Rabbit mAb**— DATASHEET —**

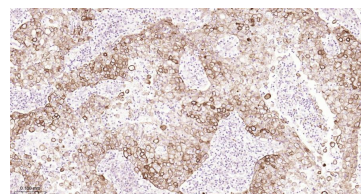
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:50-200) Reactivity: Human, Mouse, Rat Predicted MW.: 48 kDa Observed MW.: 48 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Recombinant	CloneNo.: 1F11	
GeneID: 3875	SWISS: P05783	
Target: CK18		
Immunogen: A synthesized peptide derived from human Cytokeratin 18: 250-430.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. 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 —

25 ug total protein per lane of various lysates (see on figure) probed with CK18 monoclonal antibody, unconjugated (bsm-52058R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human pancreatic cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CK18 Monoclonal Antibody, Unconjugated(bsm-52058R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human gastric cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CK18 Monoclonal Antibody, Unconjugated(bsm-52058R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=12.5]** Juan Cheng. et al. Inflammation-triggered self-immolative conjugates enable oral peptide delivery by overcoming gastrointestinal barriers. SCI ADV. 2026 Jan;12(3) IF ;Mouse. 41533788
- **[IF=3.9]** Linna Yu. et al. Ferrostatin 1 exerts multifaceted hepatic protection against alcoholic liver injury by inhibiting ferroptosis. SCI REP-UK. 2026 Feb;16:9145 IF ;Mouse. 41692775