

bsm-51726M**[Primary Antibody]****BioSS**
ANTIBODIES

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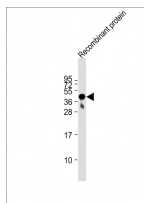
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FAT4 Mouse mAb**— DATASHEET —**

Host: Mouse	Isotype: IgG1, k	Applications: WB (1:500-2000)
Clonality: Monoclonal	CloneNo.: H10M4	Reactivity: Human, Recombinant protein
GeneID: 79633	SWISS: Q6V0I7	Predicted MW.: 538 kDa
Target: FAT4		Subcellular Location: Cell membrane
Purification: affinity purified by Protein G		
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: The protein encoded by this gene is a member of the protocadherin family. This gene may play a role in regulating planar cell polarity (PCP). Studies in mice suggest that loss of PCP signaling may cause cystic kidney disease, and mutations in this gene have been associated with Van Maldergem Syndrome 2. Alternatively spliced transcript variants have been noted for this gene. [provided by RefSeq, Mar 2014]		

— VALIDATION IMAGES —

Sample: Lane 1: FAT4 Recombinant protein
Primary: Anti-FAT4 (bsm-51726M) at 1/2000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 538 kD
Observed band size: 45 kD

— SELECTED CITATIONS —

- **[IF=4.8]** Pengfei Li. et al. IL-32 aggravates metabolic disturbance in human nucleus pulposus cells by activating FAT4-mediated Hippo/YAP signaling. INT IMMUNOPHARMACOL. 2024 Nov;141:112966 WB,IP ;Human. 39178518
- **[IF=3.738]** Yang, Yuying. et al. FAT4 activation inhibits epithelial-mesenchymal transition (EMT) by promoting autophagy in H2228/Cer cells. MED ONCOL. 2023 Jan;40(1):1-12 WB ;Human. 36576661