

bsm-60763M**[Primary Antibody]**

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Occludin Mouse mAb**— DATASHEET —**

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| Host: Mouse Clonality: Monoclonal GeneID: 100506658 Target: Occludin Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: PBS, Glycerol, BSA. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: This gene encodes an integral membrane protein which is located at tight junctions. This protein may be involved in the formation and maintenance of the tight junction. The possibility of several alternatively spliced products has been suggested but the full nature of these products has not been described. [provided by RefSeq]. | Isotype: IgG SWISS: Q16625 | Applications: WB (1:200-1000) ICC/IF (1:20-100) Reactivity: (predicted: Human) Predicted MW.: 57 kDa Subcellular Location: Cell membrane |
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— SELECTED CITATIONS —

- **[IF=18]** Qingya Liu. et al. Camptothecin multifunctional nanoparticles effectively achieve a balance between the efficacy of breast cancer treatment and the preservation of intestinal homeostasis. BIOACT MATER. 2024 Nov;41:413 IF ;Mouse,Human. 39184827
- **[IF=10.3]** Yueqi Chen. et al. Gut microbially produced tryptophan metabolite melatonin ameliorates osteoporosis via modulating SCFA and TMAO metabolism. J PINEAL RES. 2024 Apr;76(3):e12954 IF ;Mouse. 38618998
- **[IF=8.7]** Mingjin Ren. et al. Multi-functionalized probiotics through layer-by-layer coating with tannic acid-Mg²⁺ and casein phosphopeptide complexes for preventing ulcerative colitis. MATERIALS TODAY BIO. Western blot and IF ;Mouse. 10.1016/j.mtbio.2025.101621
- **[IF=6.1]** Wenjing Zhao. et al. Inhibitory Effects of Soluble Dietary Fiber from Foxtail Millet on Colorectal Cancer by the Restoration of Gut Microbiota. J AGR FOOD CHEM. 2024;72(21):12130–12145 IF ;Mouse. 38748495
- **[IF=3.5]** Shaofeng Wu. et al. Arsenic induced neurotoxicity in the brain of ducks: the potential involvement of the gut-brain axis. J TRACE ELEM MED BIO. 2023 Nov;;127336 WB ;Duck. 37976960