

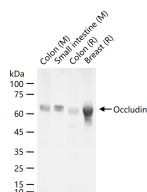
bsm-61062R**[Primary Antibody]****BioSS**
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www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

Ocln | Occludin Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 3C7**GeneID:** 100506658**SWISS:** Q16625**Target:** Ocln | Occludin**Immunogen:** A synthesized peptide derived from human Occludin: 1-36.**Purification:** affinity purified by Protein A**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:** This gene encodes an integral membrane protein that is required for cytokine-induced regulation of the tight junction paracellular permeability barrier. Mutations in this gene are thought to be a cause of band-like calcification with simplified gyration and polymicrogyria (BLC-PMG), an autosomal recessive neurologic disorder that is also known as pseudo-TORCH syndrome. Alternative splicing results in multiple transcript variants. A related pseudogene is present 1.5 Mb downstream on the q arm of chromosome 5. [provided by RefSeq, Apr 2011]**Applications:** WB (1:500-2000)**Flow-Cyt** (1:100-200)**IP** (1:50-200)**Reactivity:** Mouse, Rat
(predicted: Human)**Predicted
MW.:** 57 kDa**Observed
MW.:** 65 kDa**Subcellular
Location:** Cell membrane**VALIDATION IMAGES**

25 ug total protein per lane of various lysates
(see on figure) probed with Occludin
monoclonal antibody, unconjugated
(bsm-61062R) at 1:2000 dilution and 4°C
overnight incubation. Followed by conjugated
secondary antibody incubation at r.t. for 60 min.

SELECTED CITATIONS

- **[IF=17.1]** Lei Liu. et al. Myricetin Oligomer Triggers Multi-Receptor Mediated Penetration and Autophagic Restoration of Blood-Brain Barrier for Ischemic Stroke Treatment. ACS NANO. 2024;XXXX(XXX):XXX-XXX WB ;Mouse. 38533773
- **[IF=6.6]** Xinao Lyu. et al. Activation of the Nrf2 Signaling Pathway by a Ginseng-Salvia Root-Notoginseng Composite Alleviates Ulcerative DSS-Induced Colitis via Restoring Gut Microbiota and the Intestinal Barrier. ANTIOXIDANTS-BASEL. 2026 Mar;15(3):320 WB ;Mouse. 41897466