

bsm-52256R**[Primary Antibody]****BioSS**
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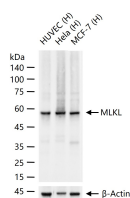
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MLKL Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit Clonality: Recombinant GeneID: 197259 Target: MLKL Immunogen: A synthesized peptide derived from human MLKL: 350-471. 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: This gene belongs to the protein kinase superfamily. The encoded protein contains a protein kinase-like domain; however, is thought to be inactive because it lacks several residues required for activity. This protein plays a critical role in tumor necrosis factor (TNF)-induced necroptosis, a programmed cell death process, via interaction with receptor-interacting protein 3 (RIP3), which is a key signaling molecule in necroptosis pathway. Inhibitor studies and knockdown of this gene inhibited TNF-induced necrosis. High levels of this protein and RIP3 are associated with inflammatory bowel disease in children. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Sep 2015].	Isotype: IgG CloneNo.: 3G4 SWISS: Q8NB16	Applications: WB (1:1000) Reactivity: Human Predicted MW.: 54 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with MLKL monoclonal antibody, unconjugated (bsm-52256R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

— SELECTED CITATIONS —

- **[IF=5.1]** Dan Zhao. et al. Copper exposure induces inflammation and PANoptosis through the TLR4/NF-κB signaling pathway, leading to testicular damage and impaired spermatogenesis in Wilson disease. CHEM-BIOL INTERACT. 2024 Jun;396:111060 WB ;Mouse. 38761876
- **[IF=3.853]** Xing, Jing. et al. CircZNF644 aggravates lipopolysaccharide-induced HK-2 cell impairment via the miR-140-5p/MLKL axis. J BIOENERG BIOMEMBR. 2022 Aug;:1-12 WB ;Human. 35976517