

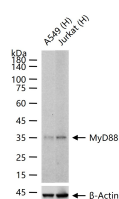
bsm-61269R**[Primary Antibody]****BioSS**
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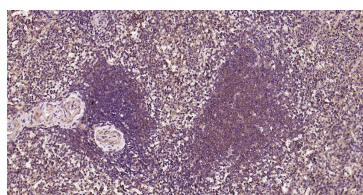
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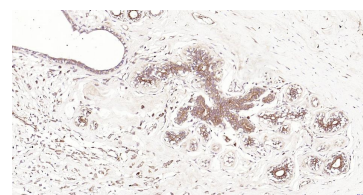
400-901-9800

MyD88 Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Clonality:** Recombinant**GeneID:** 4615**Target:** MyD88**Isotype:** IgG**CloneNo.:** 3C9**SWISS:** Q99836**Immunogen:** A synthesized peptide derived from human MyD88: 1-48.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Adapter protein involved in the Toll-like receptor and IL-1 receptor signaling pathway in the innate immune response. Acts via IRAK1, IRAK2, IRF7 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.**Applications:** **WB** (1:500-2000)
IHC-P (1:100-200)
IHC-F (1:100-200)
IF (1:100-200)
ICC/IF (1:50-200)**Reactivity:** Human**Predicted MW.:** 33 kDa**Observed MW.:** 33 kDa**Subcellular Location:** Cytoplasm**VALIDATION IMAGES**

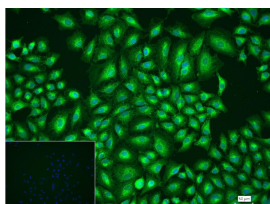
25 ug total protein per lane of various lysates (see on figure) probed with MyD88 monoclonal antibody, unconjugated (bsm-61269R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



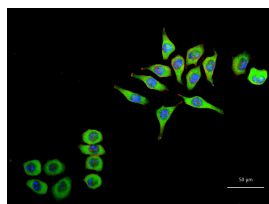
Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with MyD88 Monoclonal Antibody, Unconjugated (bsm-61269R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with MyD88 Monoclonal Antibody, Unconjugated (bsm-61269R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



4% Paraformaldehyde-fixed A549 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (MyD88) monoclonal Antibody, unconjugated (bsm-61269R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-40295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



4% Paraformaldehyde-fixed HeLa (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (MyD88) monoclonal Antibody, unconjugated (bsm-61269R) 1:100, 90 min at 37°C; followed by BF488 conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) at 37°C for 90 min, then stained with Phalloidin/BF555 for 30 min at room temperature; DAPI (blue, C02-04002) was used to stain the cell nuclei.

— SELECTED CITATIONS —

- **[IF=5.6]** Xiaoyan Zhong. et al. Selenium Nanoparticles Efficiently Inhibit M1 Macrophage Polarization by Regulating Selenoprotein to Scavenge ROS in Alleviating Rheumatoid Arthritis. COLLOID SURFACE B. 2025 Nov;:115236 WB ;Mouse. 41205348
- **[IF=4.6]** Xuemin Feng. et al. Polystyrene microplastics trigger colonic inflammation in rats via the TLR4/NF-κB/COX-2 pathway and modulation of intestinal microbiota. TOXICOLOGY. 2025 May;513:154090 WB ;Rat. 39971085