

**bsm-61269R****[ Primary Antibody ]**

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## MyD88 Recombinant Rabbit mAb

### — DATASHEET —

**Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 3C9**GeneID:** 4615**SWISS:** Q99836**Target:** MyD88**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.

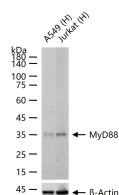
**Background:** Adapter protein involved in the Toll-like receptor and IL-1 receptor signaling pathway in the innate immune response. Acts via IRAK1, IRAK2, IRF7 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.

**Applications:** WB (1:500-2000)**IHC-P** (1:100-200)**IHC-F** (1:100-200)**IF** (1:100-200)**Flow-Cyt** (1:50-100)**ICC/IF** (1:50-200)**Reactivity:** Human

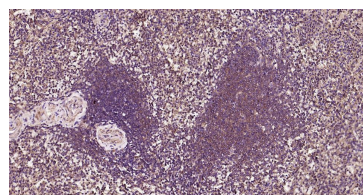
**Predicted**  
**MW.:** 33

**Subcellular**  
**Location:** Cytoplasm

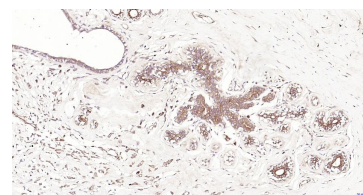
### — VALIDATION IMAGES —



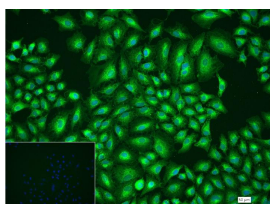
25 ug total protein per lane of various lysates (see on figure) probed with MyD88 monoclonal antibody, unconjugated (bsm-61269R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



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.

### — SELECTED CITATIONS —

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[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