

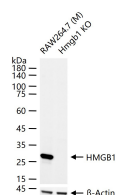
bsm-52250R**[Primary Antibody]****Bioss**
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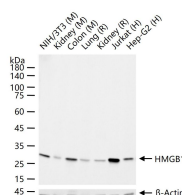
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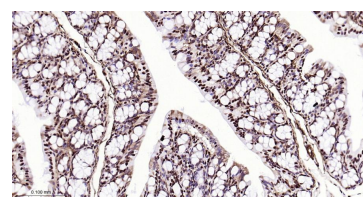
400-901-9800

HMGB1 Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Clonality:** Recombinant**GeneID:** 3146**Target:** HMGB1**Immunogen:** A synthesized peptide derived from human HMGB1: 150-200.**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:** High Mobility Group Box-1 (HMGB1) is a cytokine implicated in the pathogenesis of rheumatoid arthritis (RA) and other inflammatory diseases. The cholinergic anti-inflammatory pathway, a vagus nerve dependent mechanism, inhibits HMGB1 release in experimental disease models**Isotype:** IgG**CloneNo.:** 3A6**SWISS:** P09429**Applications:** WB (1:1000-5000)
IHC-P (1:200-1000)
IHC-F (1:200-1000)
IF (1:200-1000)
Flow-Cyt (1µg/Test)
ICC/IF (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 25 kDa**Subcellular Location:** Nucleus**VALIDATION IMAGES**

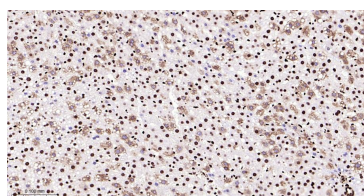
25 ug total protein per lane of various lysates (see on figure) probed with HMGB1 monoclonal antibody, unconjugated (bsm-52250R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



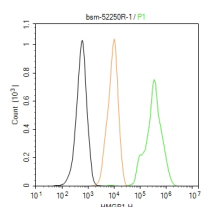
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Paraformaldehyde-fixed, paraffin embedded Mouse Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with HMGB1 Monoclonal Antibody, Unconjugated(bsm-52250R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with HMGB1 Monoclonal Antibody, Unconjugated(bsm-52250R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



The HepG2 (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green):Rabbit Anti-HMGB1 antibody (bsm-52250R, 1µg/Test); Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=7.7]** Huanran Qu. et al. NIR-II photo- and sono-responsive hyaluronic acid-capped nanozymes for glioblastoma-targeting theranostics..International Journal of Biological Macromolecules.2025 Mar 4:141737. IHC ;Mouse. 40049489