

bs-55098R**[Primary Antibody]****Bioss**
ANTIBODIES

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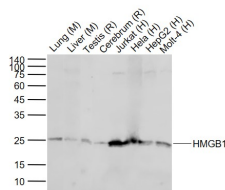
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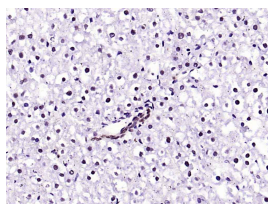
400-901-9800

HMGB1 Rabbit pAb**DATASHEET**

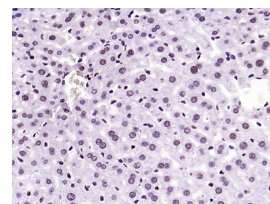
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) Reactivity: Human, Mouse, Rat Predicted MW.: 25 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 3146	SWISS: P09429	
Target: HMGB1		
Immunogen: KLH conjugated synthetic peptide derived from human HMGB1: 100-200/215.		
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		

VALIDATION IMAGES

Sample: Lane 1: Lung (Mouse) TissueLysate at 40 ug
 Lane 2: Liver (Mouse) Tissue Lysate at 40 ug
 Lane 3: Testis (Rat) Tissue Lysate at 40 ug
 Lane 4: Cerebrum (Rat) Tissue Lysate at 40 ug
 Lane 5: Jurkat (Human) Cell Lysate at 30 ug
 Lane 6: Hela (Human) Cell Lysate at 30 ug
 Lane 7: HepG2 (Human) Cell Lysate at 30 ug
 Lane 8: Molt-4 (Human) Cell Lysate at 30 ug
 Primary: Anti-HMGB1 (bs-55098R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 25 kD
 Observed band size: 25 kD



Paraformaldehyde-fixed, paraffin embedded (mouse liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HMGB1) Polyclonal Antibody, Unconjugated (bs-55098R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HMGB1) Polyclonal Antibody, Unconjugated (bs-55098R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

SELECTED CITATIONS

- **[IF=5.4]** Qian Wu. et al. Bletilla striata polysaccharides protect against ARDS by modulating the NLRP3/caspase1/GSDMD and HMGB1/TLR4 signaling pathways to improve pulmonary alveolar macrophage pyroptosis. J ETHNOPHARMACOL. 2024 Jan;319:117361 WB ;Mouse. 10.1016/j.jep.2023.117361