

**bs-1557G****[ Primary Antibody ]****HBsAg Goat pAb****BioSS**  
**ANTIBODIES**

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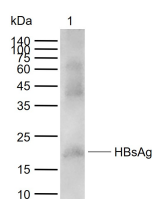
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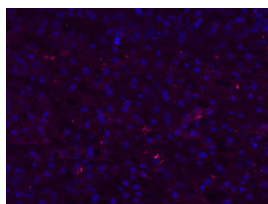
400-901-9800

**— DATASHEET —**

|   |                     |  |
|---|---------------------|--|
| <b>Host:</b> Goat<br><b>Clonality:</b> Polyclonal<br><b>Target:</b> HBsAg<br><b>Purification:</b> affinity purified by Protein A<br><b>Concentration:</b> 1mg/ml<br><b>Storage:</b> 0.01M PBS (pH7.4) with 0.02% Proclin300.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.<br><b>Background:</b> | <b>Isotype:</b> IgG | <b>Applications:</b> <b>WB</b> (1:500-2000)<br><b>IHC-P</b> (1:100-500)<br><b>IHC-F</b> (1:100-500)<br><b>IF</b> (1:100-500)<br><b>ELISA</b> (1:5000-10000)<br><br><b>Reactivity:</b> Human, HBV<br>(predicted: Bee, Hepatitis B virus)<br><br><b>Predicted MW.:</b> 44 kDa<br><br><b>Subcellular Location:</b> Cell membrane ,Cytoplasm |
|---|---------------------|--|

**— VALIDATION IMAGES —**

Sample: Lane 1: Recombinant HBsAg protein(bs-41420P) Primary: Anti-HBsAg (bs-1557G) at 1/1000 dilution Secondary: IRDye800CW Donkey anti-Goat IgG at 1/20000 dilution Predicted band size: 44 kDa Observed band size: 20 kDa



Paraformaldehyde-fixed, paraffin embedded (Hepatitis B virus infected human hepatocellular carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HBsAg) Polyclonal Antibody, Unconjugated (bs-1557G) at 1:200 overnight at 4°C, followed by A594 conjugated Rabbit Anti-Goat IgG H&L secondary antibody (bs-0294R-A594) incubation and staining.

**— SELECTED CITATIONS —**

- **[IF=16.6]** Kong Huimin. et al. An antifouling membrane-fusogenic liposome for effective intracellular delivery in vivo. NAT COMMUN. 2024 May;15(1):1-15 IF ;Mouse. 38769317
- **[IF=14.079]** Hayashi S et al. A novel association between core mutations in hepatitis B virus genotype F1b and hepatocellular carcinoma in Alaskan Native People. Hepatology.2018. ICC,Other ;Human. 10.1002/hep.30111
- **[IF=8.1]** Luo Chuanjin. et al. Hepatitis B surface antigen hijacks TANK-binding kinase 1 to suppress type I interferon and induce early autophagy. CELL DEATH DIS. 2025 Apr;16(1):1-16 ICC ;Human. 40234418
- **[IF=7.1]** Satoshi Shigeno. et al. Intrahepatic Exhausted Antiviral Immunity in an Immunocompetent Mouse Model of Chronic Hepatitis B. CELL MOL GASTROENTER. 2024 Sep;;101412 IHC ;Mouse. 39349249
- **[IF=6.286]** Yuki Takamatsu. et al. A novel anti-HBV agent, E-CFCP, restores Hepatitis B virus (HBV)-induced senescence-

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associated cellular marker perturbation in human hepatocytes. VIRUS RES. 2023 May;329:199094 ICC ;Human.  
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