

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

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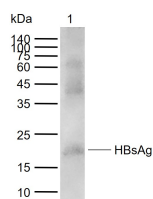
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— DATASHEET —

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

— 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

— 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-associated cellular marker perturbation in human hepatocytes. VIRUS RES. 2023 May;329:199094 ICC ;Human. 36933835