

bs-20022R

[Primary Antibody]

BVDV | Envelope glycoprotein E2 Rabbit pAb

BioSS
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: (predicted: BVDV)
Target: BVDV Envelope glycoprotein E2		
Immunogen: Recombined BVDV Envelope glycoprotein E2: full length protein.		
Purification: affinity purified by Protein A		Predicted MW.: 45 kDa
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.		

— SELECTED CITATIONS —

- **[IF=8.786]** Mi Shijiang. et al. Characterization of monoclonal antibodies that specifically differentiate field isolates from vaccine strains of classical swine fever virus. FRONT IMMUNOL. 2022 Jul;0:3835 Other ;Pig. 35958565
- **[IF=5.913]** Cheng, Jinghua. et al. Coinfection with PEDV and BVDV induces inflammatory bowel disease pathway highly enriched in PK-15 cells. VIROL J. 2022 Dec;19(1):1-12 IF, WB ;Pig. 35842726
- **[IF=4.8]** Qianqian Dong. et al. Screening and Characterization of TAT-Fused Nanobodies Targeting Bovine Viral Diarrhea Virus NS3/NS5A for Antiviral Application. BIOMOLECULES. 2025 Nov;15(11):1593 WB ;Bovine. 41301512
- **[IF=4.5]** Shanshan Liu. et al. Negative regulation of SREBP-1/FAS signaling molecules activates the RIG-1/TBK1-mediated IFN-I pathway to inhibit BVDV replication. ANTIVIR RES. 2025 Jan;233:106054 IF, WB ;Mouse, Bovine. 39653278
- **[IF=4.5]** Jinghua Cheng. et al. PEDV and BVDV coinfection activates the NF-κB pathway by a TLR7-dependent mechanism. FRONT MICROBIOL. 2025 Oct;16:1684847 IF ;Porcine. 41221396