

bs-4504R**[Primary Antibody]****PRRSV-GP5 Rabbit pAb****BioSS**
ANTIBODIES

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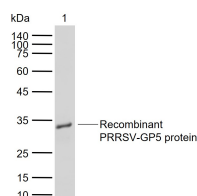
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: PRRSV
Target: PRRSV-GP5		
Immunogen: KLH conjugated synthetic peptide derived from PRRSV GP5: 101-200/200.		Predicted MW.: 22 kDa
Purification: affinity purified by Protein A		Observed MW.: 30 kDa
Concentration: 1mg/ml		Subcellular Location: Nucleus
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: PRRSV is a small, enveloped RNA virus. It contains a single-stranded, positive-sense, RNA genome with a size of approximately 15 kilobases. The genome contains nine open reading frames. PRRSV is a member of the genus Arterivirus, family Arteriviridae, order Nidovirales. Subclinical infections are common, with clinical signs occurring sporadically in a herd. Clinical signs include reproductive failure in sows such as abortions and giving birth to stillborn or mummified fetuses, and cyanosis of the ear and vulva. In neonatal pigs, the disease causes respiratory distress, with increased susceptibility to respiratory infections such as Glasser's disease.		

— VALIDATION IMAGES —

Sample: Lane 1: Recombinant PRRSV-GP5 protein, C-His (bs-41026P) Primary: Anti-PRRSV-GP5 (bs-4504R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kDa Observed band size: 30 kDa

— SELECTED CITATIONS —

- **[IF=9.2]** Fu Yang. et al. Lactobacillus rhamnosus GG ameliorates hyperuricemia in a novel model. NPJ BIOFILMS MICROBI. 2024 Mar;10(1):1-22 WB ;Mouse. 38509085
- **[IF=7.171]** Lei Wang. et al. Heat Shock Protein Member 8 (HSPA8) Is Involved in Porcine Reproductive and Respiratory Syndrome Virus Attachment and Internalization | Microbiology Spectrum. Microbiol Spectr. 2022 Feb; WB ;Strain (Escherichia Coli BL-21) . 35138165
- **[IF=6.4]** Yang Fu. et al. Host-derived Lactobacillus plantarum alleviates hyperuricemia by improving gut microbial community and hydrolase-mediated degradation of purine nucleosides. ELIFE. 2024 Nov WB ;Mouse. 39508089
- **[IF=5.64]** Zhao J. et al. The Construction and Immunogenicity Analyses of Recombinant Pseudorabies Virus With NADC30-Like Porcine Reproductive and Respiratory Syndrome Virus-Like Particles Co-expression.. Front Microbiol. 2022

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Mar;13:846079-846079 IF, WB ;Hamster. 35308386

- **[IF=3.5]** Li-Shuang Deng. et al. A RFLP 1-4-3 L1C Variant of PRRSV-2 Isolated in Sichuan Province, China: Genetic Characterization and Pathogenicity. TRANSBOUND EMERG DIS. 2024 Dec;2024(1):6817783 IF ;Monkey. 10.1155/tbed/6817783