

bs-4507R**[Primary Antibody]****PRRSV M protein Rabbit pAb****Bioss**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: (predicted: Pig, PRRSV)
Target: PRRSV M protein		
Immunogen: KLH conjugated synthetic peptide derived from PRRSV M protein: 31-130/174.		Predicted MW.: 20 kDa
Purification: affinity purified by Protein A		Subcellular Location: Nucleus
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: 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.		

— SELECTED CITATIONS —

- **[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 Mar;13:846079-846079 IF, WB ; Hamster. 35308386
- **[IF=2.57]** Zhou, Mengjiao, et al. "miRNA29 Promotes Viral Replication During Early Stage of PRRSV Infection In Vitro." DNA and Cell Biology (2016). WB ;="Pig". 27657906
- **[IF=2.11]** Binjawadagi, Basavaraj, et al. "Development of a porcine reproductive and respiratory syndrome virus-like-particle-based vaccine and evaluation of its immunogenicity in pigs." Archives of Virology: 1-11. Other ;="". 27008569