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Highlights

- Broadly neutralizing anti-PRRSV antibodies control PRRSV1 and PRRSV2 infection.
- Non-neutralizing immune serum does not reduce PRRSV infection.
- Conserved putative cell attachment structure peptides did not block infection.
- Naturally occurring PRRSV induce protective humoral immunity against unrelated PRRSV.
- Induction of broadly neutralizing antibodies may enhance immune protection.

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