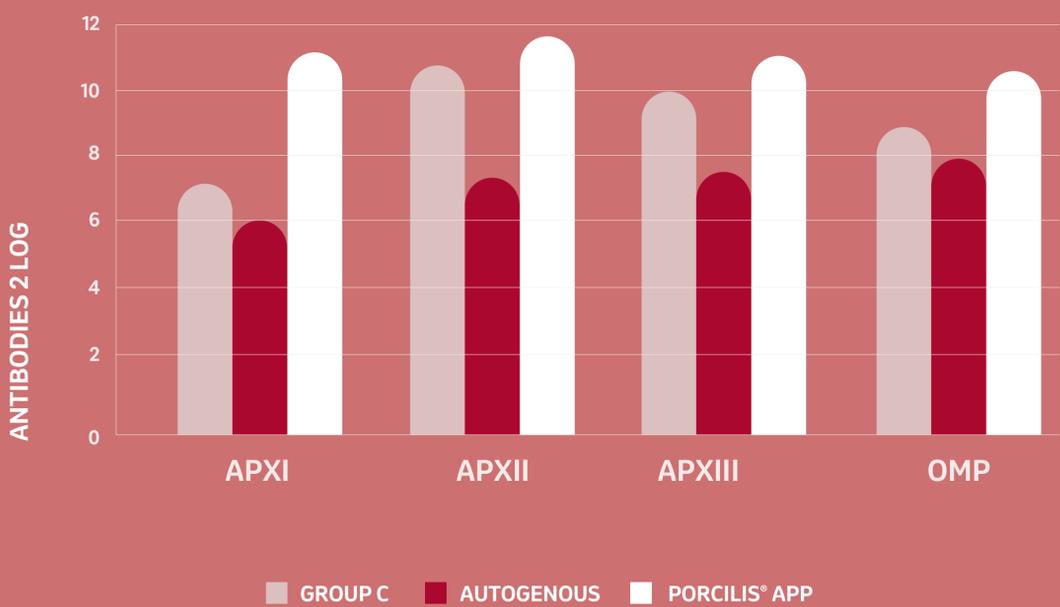


# Porcilis® APP

Generates and sustains high levels of ApxI, ApxII, ApxIII and OMP antibodies in vaccinated pigs, throughout, at least, 11 weeks after first vaccination.\*

## How is the response to Porcilis® APP in the field in comparison with other vaccines?

Porcilis® APP induces an improved immune response against ApxI, ApxII, ApxIII and OMP compared to a heterologous bacterin and an autogenous vaccine of the farm circulating serotype.



### Average antibody levels for ApxI, ApxII, ApxIII and OMP, 4 weeks after the second vaccine dose.

Blood samples were collected from the pigs. At 9 weeks of age, pigs were vaccinated and re-vaccinated 4 weeks apart.\*



**WEEK 9**  
VACCINATION  
1ST DOSE



**WEEK 12**  
VACCINATION  
2ND DOSE



**WEEK 16**

## Keypoints

01

Antibodies generated against Apx toxins play a key role in porcine pleuropneumonia protective immunity.

02

Porcilis® APP generates and sustains high levels of ApxI, ApxII, ApxIII and OMP antibodies in vaccinated pigs.

03

Porcilis® APP provided an improved immune response against ApxI, ApxII, ApxIII and OMP compared to a heterologous bacterin and an autogenous vaccine of the farm circulating serotype.

\*As per published data

Ref.: Lopez, M., Jimenez, M., Marcos, R. Menjón: Comparative study to evaluate immunity induced by Actinobacillus pleuropneumoniae vaccines. 11th European Symposium of Porcine Health Management (ESPHM), Utrecht, 2019

