Product datasheet

Anti-Porcine circovirus antibody ab183908

1 Abreviews  1 Image

Overview

Product name
Anti-Porcine circovirus antibody

Description
Rabbit polyclonal to Porcine circovirus

Host species
Rabbit

Tested applications
Suitable for: IHC-P

Species reactivity
Reacts with: Other species

Immunogen
Recombinant fragment within Porcine circovirus aa 40-233. The exact sequence is proprietary. (Type 2 Capsid protein).

Positive control
Porcine circovirus type 2 infected swine lymph node tissue.

Properties

Form
Liquid

Storage instructions

Storage buffer
pH: 7.00
Preservative: 0.01% Thimerosal (merthiolate)
Constituents: 79% PBS, 20% Glycerol

Purity
Immunogen affinity purified

Clonality
Polyclonal

Isotype
IgG

Applications

Our Abpromise guarantee covers the use of ab183908 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<td>IHC-P</td>
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<td>1/100 - 1/1000.</td>
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Relevance

Porcine Circovirus (PCV) is a single stranded DNA virus (class II), that is non-enveloped with an un-segmented circular genome. The viral capsid is icosahedral and approximately 17nm in diameter. They replicate in the nucleus of infected cells, utilising the host polymerase for genome amplification. There are 2 strains: Type 1 PCV and Type 2 PCV. Type 1 PCV readily infects but is not known to cause disease in swine; it is the type 2 that has caused problems in recent years with the increasing occurrence of Post-weaning Multisystemic Wasting Syndrome (PMWS) which over time results in significant depletion of lymphocytes; post mortem of diseased animals reveals enlarged lymph nodes and abnormal lung tissue.

Images

Immunohistochemical analysis of paraffin-embedded Porcine circovirus type 2 infected swine lymph node tissue labeling Porcine circovirus with ab183908 at 1/1000 dilution.

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