Product datasheet

Anti-Porcine circovirus antibody ab183908

Overview

Product name: Anti-Porcine circovirus antibody
Description: Rabbit polyclonal to Porcine circovirus
Host species: Rabbit
Tested applications: Suitable for: IHC-P, WB
Species reactivity: Reacts with: Other species
Immunogen: Recombinant fragment within Porcine circovirus aa 40-233. The exact sequence is proprietary.
(Type 2 Capsid protein).
Database link: O56129
Positive control: Porcine circovirus type 2 infected swine lymph node tissue.

Properties

Form: Liquid
Storage buffer: pH: 7.00
Preservative: 0.025% Proclin
 Constituents: PBS, 1% BSA, 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.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IHC-P</td>
<td></td>
<td>1/100 - 1/1000.</td>
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</tbody>
</table>
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.

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

Anti-Porcine circovirus antibody (ab183908) at 1/1000 dilution + Lysate from Sf21 cells, expressing recombinant PCV2 protein by baculovirus system at 30 µg

Secondary
HRP-conjugated anti-rabbit IgG antibody

**Observed band size:** 28 kDa

*why is the actual band size different from the predicted?*
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3