

**VMRD**

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Certificate of Analysis

Monoclonal Antibody

Cell Line: 3C9D11H11**Specificity:** Porcine Parvovirus**Isotype:** IgG₁**Known Applications:** Virus neutralization, indirect fluorescence assays, hemagglutination inhibition, radioimmunoassays, and immunohistochemistry.**References:**

- Kim, J., and C. Chae. A comparison of virus isolation, polymerase chain reaction, immunohistochemistry, and in situ hybridization for the detection of porcine circovirus 2 and porcine parvovirus in experimentally and naturally coinfecting pigs. *J. Vet. Diagn. Invest.* 16(1):45-50 (Jan. 2004).
- Katz, J.B., and R.A. Van Deusen. Radioimmunoassay of adjuvant-associated porcine parvovirus using a monoclonal antibody in a nitrocellulose membrane system. *J. Virol. Meth.* 12(3-4):193-198 (Dec. 1985).
- Mengeling, W.L., *et al.* Potential of monoclonal antibodies for systemic immunoprophylaxis in the pig. 8th *Proc. Int'l. Pig Vet. Soc.* (Ghent, Belgium), p. 15, 1984.

Description and Handling: This monoclonal antibody is produced as mouse ascites fluid, clarified by centrifugation, and filtered through a 0.2 µM filter. The concentration is 1.0 mg/ml in phosphate-buffered saline, preserved with 10 ppm ProClin 300. PPV strain used to raise monoclonal antibody was NADL-8.**Storage:** When the vial is stored at 2-8°C, it should be stable for one year.

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