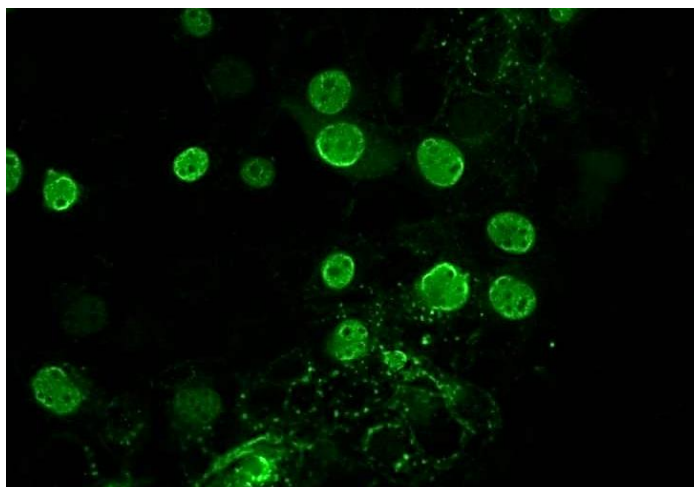


3C9D11H11 Porcine Parvovirus (PPV)

Monoclonal Antibody (MAb)

Catalog No.:	3C9D11H11
Specificity:	PPV
Epitope:	Unmapped, neutralizing, hemmagglutinating
Isotype:	IgG ₁
Species of Origin:	Murine
Volume:	Increments of 0.1 mg
Preservative:	0.09% Sodium Azide
Shelf Life:	1 year when stored at 2-7°C



Description:

This monoclonal antibody reacts with a neutralizing and hemagglutinating epitope on Porcine Parvovirus (PPV). It is produced as mouse ascites fluid, clarified by centrifugation, and filtered through a 0.2 µm filter. The antibody concentration is 1.0 mg/ml, in phosphate-buffered saline, stabilized with 4 mg/ml bovine serum albumin (BSA) and preserved with 0.09% sodium azide.

Known Applications:

Virus neutralization, indirect fluorescence, hemagglutination inhibition, radioimmunoassays, and immunohistochemistry.

Storage:

This monoclonal antibody is provided in liquid form and should be stored at 2-7°C. DO NOT FREEZE!

References:

- Mengeling WL, et al. Potential of monoclonal antibodies for systemic immunoprophylaxis in the pig. 8th Proc. Int'l. Pig Vet. Soc. (Ghent, Belgium), 1984;15.
- Katz JB, Van Deusen RA. Radioimmunoassay of adjuvant-associated porcine parvovirus using a monoclonal antibody in a nitrocellulose membrane system. J Virol Meth 1985 Dec;12(3-4):193-198.
- Paul PS, Mengeling WL, Malstrom CE, et al. Production and characterization of monoclonal antibodies to porcine immunoglobulin gamma, alpha, and light chains., Am J Vet Res 1989;50: 471-479.
- Ellis J, Krakowka S, Lairmore M, et al. Reproduction of lesions of postweaning multisystemic wasting syndrome in gnotobiotic piglets. J Vet Diagn Invest 1999 Jan;11(1):3-14.
- Kim J, Chae C. A comparison of virus isolation, polymerase chain reaction, immunohisto-chemistry, and in situ hybridization for the detection of porcine circovirus 2 and porcine parvovirus in experimentally and naturally coinfecting pigs. J Vet Diagn Invest 2004 Jan; 16(1):45-50.

Technical Data Sheet Version:

Version 1

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