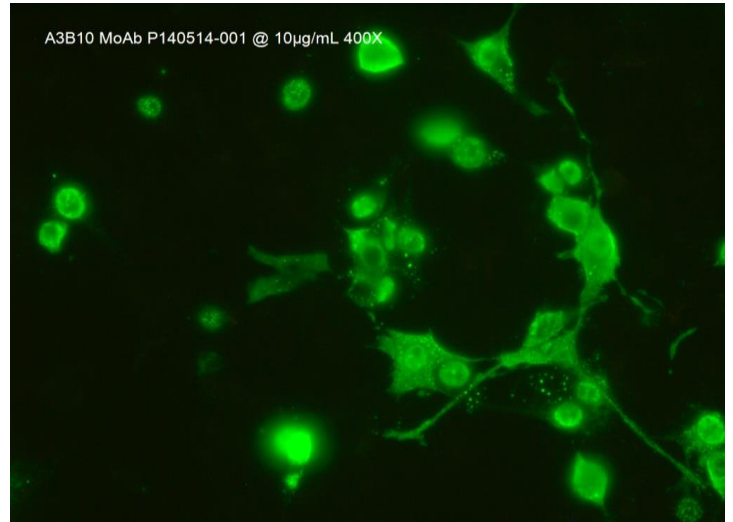


CERTIFICATE OF ANALYSIS

A3B10

Monoclonal Antibody

Catalog No.:	A3B10
Lot:	P140514-001
Isotype:	IgG _{2a}
Expiration:	1 year when stored at 2-7°C



Specificity:

Canine Parvovirus (CPV) MAbs Ascites IgG_{2a} Isotype. Reacts with Canine Parvovirus CPV-2A and CPV-2B (does not react with CPV-1, canine minute virus); also reacts with Feline Panleukopenia Virus and Mink Enteritis Virus.

Known Applications:

Indirect immunofluorescence.

Description:

This monoclonal antibody 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 (PBS), stabilized with 4 mg/ml bovine serum albumin (BSA), and preserved with 0.09% sodium azide (NaN₃).

Quality Control Method:

IFA using CPV 12-well slide (catalog no. SLD-IFA-CPV), Isotype control IgG_{2a} (1.0 mg/ml) and Anti-Mouse FITC AP conjugate (catalog no. CJ-F-MURG-AP-1ML or 10ML). Mouse Immunoglobulins IgG_{2a} kit.

Specific Reaction: 2-4+ fluorescence at 1.0 µg/ml. The endpoint titer was less than 0.01 µg/ml. The Isotype control was negative with no background. The RID test results showed a concentration of 1.025 mg/ml.

Other Comments: NA

Pattern Of Fluorescence:

Single cells with cytoplasmic and nuclear fluorescence.

Storage:

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

References:

- Strassheim, M.L., et al. Two dominant neutralizing antigenic determinants of canine parvovirus are found on the threefold spike of the virus capsid. *Virology* 198(1):175-184 (Jan. 1994).
- Wikoff, W.R., et al. The structure of a neutralized virus: Canine parvovirus complexed with neutralizing antibody fragment. *Structure* 2(7):595-607 (July 1994).
- Ramos-Vara, J.A., and M.E. Beissenherz. Optimization of immunohistochemical methods using two different antigen retrieval methods on formalin-fixed, paraffin-embedded tissues: Experience with 63 markers. *J. Vet. Diagn. Invest.* 12(4):307-311 (July 2000).

FOR IN VITRO LABORATORY USE ONLY.

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16 June 2014