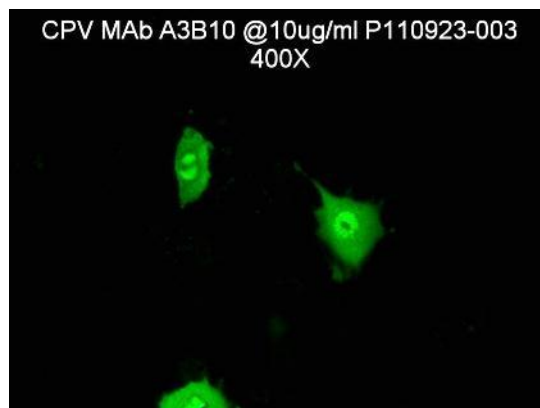


CERTIFICATE OF ANALYSIS

# A3B10

Monoclonal Antibody

<b>Catalog No. / Cell Line:</b>	A3B10
<b>Lot:</b>	P110923-003
<b>Isotype:</b>	IgG <sub>2a</sub>



### Specificity:

Canine Parvovirus. 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  $\mu$ M filter. The concentration is 1.0 mg/ml in phosphate-buffered saline, containing 4 mg/ml BSA, and preserved with sodium azide.

### Quality Control Method:

IFA using VMRD CPV 12-well slide (catalog no. SLD-IFA-CPV), Isotype control IgG<sub>2a</sub> (1.0 mg/ml) and Anti-Mouse FITC AP Conjugate (catalog no. CJ-F-MURG-AP-10ML). The concentration was tested in RID with a mouse Immunoglobulins kit IgG<sub>2a</sub>.

**Specific Reaction:** 3-4+ fluorescence at a concentration of 1.0 $\mu$ g/ml, and an endpoint concentration of 1-2+ at 0.1 $\mu$ g/ml. Isotype control was negative. In RID the IgG<sub>2a</sub> concentration was 1.35 mg/ml.

**Other Comments:** NA

### Pattern of Fluorescence:

Single cells with cytoplasmic and nuclear inclusion fluorescence.

### Storage:

When the vial is stored at 2-7°C, it should be stable for one year.

### 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.