

Product datasheet for **SM1668P**

Canine Parvovirus Mouse Monoclonal Antibody [Clone ID: CPV1-2A1]

Product data:

Product Type: Primary Antibodies

Clone Name: CPV1-2A1

Applications: ELISA, IHC

Recommended Dilution: **ELISA.**

Immunohistochemistry on Paraffin Embedded Sections: This product does not require protein digestion pre-treatment e.g. trypsin or pronase nor antigen retrieval using heat treatment prior to staining of paraffin sections.

Not Suitable for Western Blotting.

Reactivity: Canine, Feline

Host: Mouse

Isotype: IgG2a

Clonality: Monoclonal

Specificity: This antibody SM1668P (Clone *CPV1-2A1*) recognizes Canine *Parvovirus* (CPV) and Feline *Panleucopenia virus* (FPV).
CPV is reported to be a host range variant of FPV which emerged as a result of mutations of the viral capsid.
This antibody (Clone *CPV1-2A1*) **does not** recognize Canine *Adenovirus* (type2), Canine *Coronavirus*, Canine *Distemper*, Canine *Parinfluenza virus*, Feline *Leukaemia virus* or Feline *Immunodeficiency virus*.
Cross reactivity with *Mink Parvovirus*.

Formulation: PBS

State: Purified

State: Liquid purified IgG fraction from Tissue Culture Supernatant

Preservative: < 0.1% Sodium Azide

Concentration: lot specific

Purification: Affinity Chromatography on Protein A

Conjugation: Unconjugated

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.



[View online »](#)

Stability: Shelf life: one year from despatch.

Background: *Parvoviruses* cause infections in a wide variety of birds and mammals. *Parvovirus*, commonly called parvo, is a genus of the *Parvoviridae* family linear, non-segmented single stranded DNA viruses with an average genome size of 5 kbp. *Parvoviruses* are some of the smallest viruses found in nature.

Parvoviruses require actively reproducing cells in order to replicate, the type of tissue infected varies by the age of the animal. The gastrointestinal tract and lymphatic system can be affected at any age, leading to vomiting, diarrhea and immunosuppression.