

Anti-Canine Parvovirus [scFv] Standard Size Ab02094-3.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This full-length, reformatted mouse antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2b, Fc Silent™, Kappa

Clone Number: scFv

Alternative Name(s) of Target: CPV; Virus like particle; CPV VLP

UniProt Accession Number of Target Protein:

Published Application(s): NTRL, ELISA

Published Species Reactivity: canine parvovirus

Immunogen: The original antibody was generated by immunizing mice with canine parvovirus virus like proteins.

Specificity: This antibody recognizes and binds canine parvovirus.

Application Notes: The binding activity of purified scFv to CPV VLP antigen (Ag) by indirect ELISA. The hemagglutination inhibition titer of the scFv was found to be 128. This scFv can bind the virus and prevent hemagglutination which is a property of CPV neutralizing antibodies.

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.