

Anti-Canine Coronavirus (Self-pair) Antibody

02/20

CATALOG NO.: A2068-100 (100 µg)

BACKGROUND DESCRIPTION: Coronaviruses (CoV) are a large group of enveloped positive-sense RNA viruses. They belong to subfamily *Coronavirinae*, in the family of *Coronaviridae*, of the order of *Nidovirales*. Coronaviruses infect a number of mammalian species such as dogs. Two types of Coronaviruses have been identified in dogs: CCoV type I, and CCoV type II. Both the types of viruses are eligible to be detected in the same dog, however, due to genetic recombination events, CCoV type II is further divided into two sub-types: CCoV type IIa and CCoV type IIb. About 20% of the canine coronavirus infections are of CCoV type I, whereas 44% of the infections are of CCoV type II. Coronavirus infections in dogs are limited to the intestine, and results in only mild enteritis.

ANTIBODY TYPE: Monoclonal

HOST/ISOTYPE: Mouse / IgG

IMMUNOGEN: Purified Canine Coronavirus

PURITY: > 95%

FORM: Liquid

FORMULATION: In 10 mM PBS, pH 7.2, 0.02% sodium azide

SPECIES REACTIVITY: Canine

STORAGE CONDITIONS: Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing

APPLICATIONS AND USAGE: ELISA

Note: This product is not for diagnostic purposes. It is the sole responsibility of the user to assume care, control and custody of the material, and ensure appropriate disposal, as per all regulations.

RELATED PRODUCTS:

Anti-nCOVID-19 Antibody (Clone# 6F10) (A2060)
Anti-nCOVID-19 Antibody (A2061)

FOR RESEARCH USE ONLY! Not to be used on humans.