

IBDV Antibody FITC Conjugated

Catalog No: #C00560F

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Description

Product Name	IBDV Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	virus
Crossing Reactivity	IBDV
Immunogen Description	Derived from IBDV vaccine strain B87
Conjugates	FITC
Target Name	IBDV
Other Names	Infectious Bursal Disease Vaccine;infectious bursal disease; IBD.
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

Background

Infectious bursal disease (IBD) is caused by infectious bursal disease virus (IBDV) an avian Birnavirus first described in the USA near the town of Gumboro Delaware and thus the disease is also known as Gumboro disease. There are 3 recognized pathogenic types of IBDV; classic virulent (cvIBDV), sub-clinical (scIBDV), and very virulent (vvIBDV). All three pathogenic types of IBDV cause immune suppression which leads to secondary infections and a failure to produce an immune response to vaccines. The cvIBDV typically cause a high morbidity and low mortality disease while the scIBDV cause very little morbidity and no mortality. The vvIBDV cause an acute disease in chickens characterized by high morbidity and high mortality.

Note: This product is for in vitro research use only