

Datasheet for ABIN2177922

anti-Newcastle Disease Virus antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Newcastle Disease Virus (NDV)
Reactivity:	Newcastle Disease Virus (NDV), Virus, Hamster, Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Newcastle Disease Virus antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Derived from a live vaccine Ne NDV/Newcastle Disease Virus strain Lasota
Isotype:	IgG
Cross-Reactivity:	Hamster, Human, Virus
Cross-Reactivity (Details):	Newcastle disease
Purification:	Purified by Protein A.

Target Details

Target:	Newcastle Disease Virus (NDV)
Alternative Name:	Newcastle disease virus (NDV Products)
Target Type:	Virus
Background:	Synonyms: NDV, Newcastle disease virus.

Target Details

Background: NDV is a contagious and fatal viral disease affecting most species of birds.

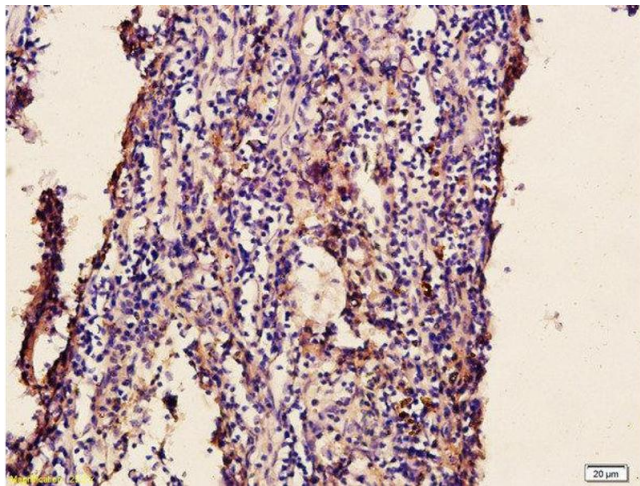
Clinical signs are extremely variable depending on the strain of virus, species and age of bird, concurrent disease, and preexisting immunity. Four broad clinical syndromes are recognized by scientists. They are Viscerotropic velogenic, Neurotropic velogenic, Mesogenic, and Lentogenic. NDV is so virulent that many birds die without showing any clinical signs. A death rate of almost 100 percent can occur in unvaccinated poultry flocks. NDV can infect and cause death even in vaccinated poultry. Fortunately NDV has not infected domestic chicken flocks in the United States since the last outbreak was eradicated in 1974.

Application Details

Application Notes:	ELISA 1:500-1000 FCM 1:20-100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded chicken intestine labeled with Anti-Newcastle disease virus Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining