



Magic™ Anti-NDV Monoclonal antibody, Clone N29723OX2 (DCABY-4563)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	NDV
Immunogen	Newcastle disease virus antibody was raised in mouse using Newcastle disease virus as the immunogen.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	NDV
Clone	N29723OX2
Purification	Newcastle disease virus antibody was purified by Protein G chromatography.
Conjugate	Unconjugated
Applications	ELISA Pr*, Immunoassays Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4563 - DCABY-4564
Format	Liquid
Size	1 mg
Buffer	Supplied in PBS, pH 7.4, 0.1 % sodium azide
Preservative	0.1% Sodium Azide
Storage	Store at 4 °C

BACKGROUND

Introduction

Newcastle disease is a contagious bird disease affecting many domestic and wild avian species. First found in Newcastle, United Kingdom in 1926, then by Burnet in 1943 in Australia in connection with laboratory infection where the virus was isolated from a ocular discharge of a patient to show the specific antibody titre in the patients blood. Newcastle has a negative sense single stranded genome which codes for a RNA directed RNA polymerase, hemagglutinin-neuraminidase protein, fusion protein, matrix protein, phosphoprotein and nucleoprotein in the 5 to 3 direction

Keywords

Newcastle disease virus; Newcastle disease;