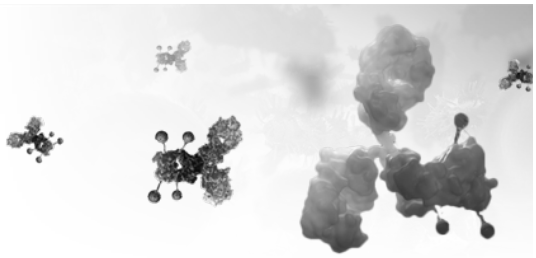

Anti-NDV Monoclonal antibody, Clone C328M (DMAB4005)

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

PRODUCT INFORMATION

Specificity	Viral glycoprotein hemagglutinin-neuraminidase
Target	NDV
Immunogen	Newcastle Disease Virus (La-sota strain)
Isotype	IgM
Source/Host	Mouse
Species Reactivity	NDV
Clone	C328M
Affinity Constant	Not determined
Purification	95% pure (SDS-PAGE). Protein G chromatography
Conjugate	Unconjugated
Applications	Suitable for ELISA and hemagglutinin inhibition test. Recommended as a capture antibody. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	Lot specific
Size	1 mg

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Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

BACKGROUND

Introduction	Newcastle disease is ahighly contagious bird disease affecting many domestic and wild avianspecies, most notably in domestic poultry. Newcastle disease is caused byNewcastle disease virus (NDV) a negative sense single stranded RNA virus.Transmission occurs by exposure to faecal and other excretions from infectedbirds. Exposure to humans can cause mild conjunctivitis and influenza likesymptoms, but otherwise causes no hazzard to health. NDV has the potential tobe used as an anti-cancer agent. There are many different strains of NDV, andthey have been classified as either lytic or nonlytic for human cells. Lyticstrains and nonlytic strains both appear to replicate much more efficientlyin human cancer cells than they do in most normal human cells, however, bothclassifications of NDV have the ability to selectively kill human tumourcells with limited toxicity to normal cells.
Keywords	Newcastle Disease Virus; Newcastle Disease virus; NDV; Newcastle disease virus; Avulavirus; Paramyxoviridae; Group V; Mononegavirales;

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