

Product datasheet for **AM05631PU-N**

Newcastle disease virus Mouse Monoclonal Antibody [Clone ID: 9F7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	9F7
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Newcastle Disease Virus
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Glycoprotein haemagglutinin-neuraminidase of Newcastle Disease Virus (La-Sota strain)
Specificity:	<p>This antibody detects the La-Sota strain of the Newcastle Disease Virus (NDV), a highly contagious avian virus which is of major economic importance to the poultry industry. NDV is a member of the Paramyxoviridae family, and has a single stranded, negative sense RNA genome.</p> <p>This antibody maybe used to detect the haemagglutinin-neuraminidase protein of Newcastle disease virus in ELISA assays.</p>
Formulation:	<p>Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide (NaN₃)</p> <p>State: Purified</p> <p>State: Liquid purified IgG</p>
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	<p>Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.</p> <p>Avoid repeated freezing and thawing.</p>
Stability:	Shelf life: one year from despatch.



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Background:

NDV infects via mucosal surfaces of the respiratory and alimentary tract, and its strains can be categorized in accordance to their virulence, from low virulence and mild symptoms (lentogenic), to intermediate forms (mesogenic), through to highly virulent (velogenic) strains which can cause up to 90% mortality. La-Sota is a lentogenic strain, and can be used as a live vaccine. NDV has been reported to selectively kill human tumour cells in a number of clinical studies.