

Mouse Anti-Newcastle Disease Virus,
monoclonal

CatNo **MAK2670**

Batch No: See label
 Expiration Date: See Label
 Storage: 2-8°C for 1 month
 -20°C for longer

Clone Number:	9F7
Volume/Quantity:	0.2 mg
Product Form:	Purified IgG - liquid
Preservatives Stabilisers:	0.09% Sodium Azide (NaN3)
Approx. Protein Concentrations:	IgG concentration 1.0mg/ml
Preparation:	Purified IgG prepared by affinity chromatography on Protein G from ascites
Buffer Solution:	Phosphate buffered saline
Immunogen:	Glycoprotein haemagglutinin-neuraminidase of Newcastle Disease Virus (La-Sota strain).
Fusion Partners:	Spleen cells from immunised Balb/c mice were fused with cells of the Sp2/0 myeloma cell line
Isotype:	IgG1 (Mouse)
Specificity:	Mouse anti Newcastle Disease Virus antibody, clone 9F7 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. 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 selectively kill human tumor cells (Reichard et al. 1992)

Applications:	Suggested Working Dilution
FlowCytometry	Not tested
Immunohistology-frozen	Not tested
Immunohistology-paraffin	Not tested
Immunofluorescence	Not tested
ELISA	Yes
Immunoprecipitation	Not tested
Western Blotting	Not tested

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Storage Conditions:	This product is shipped at ambient temperature. Store at 2-8°C for one month or at -20°C for longer! Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life:	12 months from date of despatch.
Health and Safety Information:	(A full Health and Safety assessment is available upon request) This product contains sodium azide: a POISONOUS and HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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For Research purposes only. Not for therapeutic or diagnostic use.

