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[Primary Antibody]

Recombinant Rabbit Anti-NDV Monoclonal Antibody

Catalog Number: SLA0640M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Clone No.:	5F10
Target:	NDV
Immunogen:	Recombinant NDV Fusion glycoprotein F0
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	ELISA () Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Predicted MW.:	59 kDa
Background:	The entry of Newcastle disease virus (NDV), a prototype paramyxovirus, is directed by two virion glycoproteins, the hemagglutinin-neuraminidase (HN) protein and the fusion (F) protein . HN protein, the virus attachment protein, binds to sialic acid-containing receptors, and F protein mediates membrane fusion. In contrast to many viral fusion proteins, paramyxovirus F proteins do not require the acid pH of endosomes to activate fusion activity. As a consequence, infected cells expressing both attachment proteins and F proteins can fuse with adjacent cells to form multinuclear cells, or syncytia, a process that is assumed to mimic virus-cell fusion .

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.