Data Sheet (Cat.No.TMAB-01210)

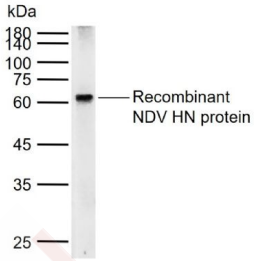
Anti-NDV HN Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	NDV
Molecular Weight:	Theoretical: 63 kDa. Actual: 61 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Lane 1: Recombinant NDV HN protein, His Primary: Anti-NDV HN (TMAB-01210) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 63 kDa Observed band size: 61 kDa



Application:	ELISA,WB
Recommended	WB: 1:500-2000; ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: NDV HN protein
Synonyms:	HN_NDVB;newcastle disease virus(NDV);Newcastle disease virus hemagglutinin neuraminidase;HN;hemagglutinin-neuraminidase protein [Newcastle disease virus];Newcastle disease virus HN;hemagglutinin-neuraminidase
Biology Area:	Other Viruses

Research 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 .

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