# Data Sheet (Cat.No.TMAB-01209)

## Anti-NDV Fusion glycoprotein F1 Polyclonal Antibody

### Product Details

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| Ig Type: | IgG |
| Reactivity: | (predicted:Newcastle disease virus) |
| Molecular Weight: | Theoretical: 60 kDa. |
| Purification: | Protein A purified |

### Applications

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| Application: | ELISA |
| Recommended | ELISA: 1:5000-10000 |

### Properties

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

### Antigen Details

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|---|---|
| Immunogen: | KLH conjugated synthetic peptide: NDV Fusion glycoprotein F1 |
| Synonyms: | Newcastle disease virus(strain D26/76)(NDV)usion glycoprotein F0;Fusion glycoprotein F1; Fusion glycoprotein F0;FUS_NDVD;Newcastle disease virus strain D26/76;Fusion glycoprotein F2;F |
| 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 .

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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