



DataSheet

CATALOGUE #: 3ND5

PRODUCT NAME: Monoclonal mouse anti-Newcastle disease virus (NDV)

MAbs: 9F7, 1C10, 2H4, 8H2, 6H12

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with Newcastle disease virus (La-sota strain).

Specificity: MAbs 9F7, 1C10, 2H4 and 8H2 are specific to viral glycoprotein haemagglutinin-neuraminidase.
MAb 6H12 is specific to RNP.

MAb isotypes: **IgG1** for MAb 9F7
IgG2a for MAbs 1C10, 8H2, 6H12
IgM for MAb 2H4

Applications: MAbs 9F7 and 1C10 are working in Western blotting.
MAbs 9F7, 1C10 and 2H4 are working in haemagglutinin inhibition test.
All MAbs are working in ELISA. MAbs 2H4 and 8H2 are recommended as coating antibodies and MAbs 9F7 and 1C10 as conjugate antibodies in sandwich immunoassay.
MAb 6H12 is working in Immunofluorescence (IF) and in Peroxidase –Immunohistochemistry staining of infected cells.

Purification: Protein G chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

Storage: +4 °C (+2 ... +8 °C allowed)

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.

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