



DataSheet

CATALOGUE #: 3IN5

PRODUCT NAME: Monoclonal mouse anti-influenza virus type A (nucleoprotein)

MAbs: F8, InA108, InA245, InA180, InA224

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with purified influenza virus type A strain H1N1.

Specificity: Influenza virus type A (nucleoprotein).

All MAbs detect NP of Influenza A with high specificity and have no cross reactivity to NP of Influenza B virus.

MAb isotypes: **IgG1** for MAbs InA108, InA224

IgG2a for MAb F8

IgG2b for MAb InA245

IgG3 for MAb InA180

Applications: MAb F8 can be used in immunocytochemistry. MAb F8 inhibits viral reproduction after fatty acid acylation.

MAbs InA108 and InA245 detect Influenza A nucleoprotein in Western blotting.

All MAbs are working in ELISA. Recommended pairs for Influenza A nucleoprotein in sandwich ELISA immunoassay (capture-detection): InA108 – InA245, InA224 – InA245.

Purification: Protein G chromatography for MAb F8

Protein A chromatography for MAbs InA108, InA245, InA180 and InA224

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃) for MAbs F8, InA108, InA245, InA224

50 mM citrate, 150 mM NaCl, pH 6.0, 0,09% azide (NaN₃) for MAb InA180

Storage: +4 °C (+2 ... +8 °C allowed)

Material safety note: This product is sold **for research 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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