



CATALOGUE #: 3IN5

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

MAbs: F8

New MAbs: 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 and 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 (coating – conjugate): InA108 – InA245, InA224 – InA245.

Purification: Chromatography on protein G Sepharose for MAb F8

Chromatography on protein A Sepharose for MAbs InA108, InA245, InA180 and InA224

Presentation: PBS, pH 7.4, 0.1 % sodium azide (NaN₃)

Storage: + 4 °C

Material safety note: This product is sold as an antibody preparation **for research use only**. Standard Laboratory Practices should be followed when handling this material.

Contains sodium azide (0.1 %) as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.