



CATALOGUE #: 3IF18

PRODUCT NAME: Monoclonal mouse anti-influenza virus B group antigen

MAbs: 2/3, IB42, IB633, InB12, InB27, InB36, InB64, InB114, InB204, InB210, InB213

New MAbs: 8-5, 13-9, 14-12, 15-12

Hybridoma clone 2/3 has been derived from hybridization of Px myeloma cells with spleen cells of SJL/J mice immunized with purified influenza virus type B strain B/Beijing/184/93.

Hybridoma clones IB42, IB633, InB12, InB27, InB36, InB64, InB114, InB204, InB210 and InB213 have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with purified influenza virus type B (strain B/Tokio/53/99 for clone IB42 and strain B/Tokio/53/99 for clone IB633).

Hybridoma clones 8-5, 13-9, 14-12, 15-12 have been derived from hybridization of Px myeloma cells with spleen cells of Balb/c mice immunized with purified influenza virus type B strain Hong Kong.

Specificity: Nucleoprotein of influenza virus type B.

MAb isotypes: **IgG1** for MAbs IB633, InB27, InB36, InB64, InB114, InB204, InB210, InB213

IgG2a for MAbs 2/3, IB42, 8-5, 13-9, 14-12, 15-12

IgG2b for MAb InB12

Applications: All MAbs can be used in Western blotting.

MAbs 2/3, IB42, InB12, InB27, InB36, InB64, InB114, InB204, InB210, InB213, 8-5, 13-9, 14-12, 15-12 are working in ELISA. Recommended pairs for Influenza B NP sandwich immunoassay are (coating – conjugate): InB12 – InB27, InB12 – InB64, InB36 – InB64.

MAbs 8-5, 13-9, 14-12, 15-12 are working in indirect ELISA.

MAb 2/3 can also be used in indirect immunofluorescence.

Purification: Chromatography on protein G Sepharose for MAbs 2/3, IB42, IB633, 14-12, 15-12

Chromatography on protein A Sepharose for MAbs InB12, InB27, InB36, InB64, InB114, InB204, InB210, InB213, 8-5, 13-9

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.