

Cat.# 3IF18 Monoclonal anti-influenza virus B group

IB76

Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

InB12, InB27, InB36, InB64, InB114, InB204, InB210, InB213

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 B strain B/Leningrad/86/93.

IB57

Recombinant chimeric antibody expressed in a mammalian cell line. Composed of original wild type variable domains of rat derived MAb and human IgG1 constant domains.

IB70, IB71, IB87, IB91

Recombinant monoclonal antibody expressed in a mammalian cell line. Full-size IgG sequence derived from rabbit B cells.

IB44

Recombinant chimeric antibody expressed in a mammalian cell line. Composed of original wild type variable domains of sheep derived MAb and human IgG1 constant domains.

Cat.# RIF17 Monoclonal mouse anti-influenza virus B group

R2/3

Recombinant monoclonal antibody expressed in a mammalian cell line.

Immunogen: Recombinant nucleoprotein of influenza virus type B strain B/Colorado/06/2017 for IB76, IB57, IB70, IB71, IB87, IB91, IB44.

Synthesized peptides of nucleoprotein of the Influenza B strain B/Leningrad/86/93 for InB12, InB27, InB36, InB64, InB114, InB204, InB210, InB213.

Specificity: Nucleoprotein of influenza virus type B.

MAb isotypes: **IgG** for IB70, IB71, IB87, IB91

IgG1 for IB76, IB57, IB44, InB27, InB36, InB64, InB114, InB204, InB210, InB213

IgG2 for R2/3

IgG2b for InB12

Applications: Recommended pairs for Influenza B NP sandwich immunoassay are (capture – detection):

Capture - Detection	Lateral Flow (Gold nanoparticles for detection)	Sandwich immunoassay
IB76 - IB71	++	++
IB70 - IB71	++	++
IB71 - IB91	++	++
IB87 - IB91	+	++
IB91 - IB71	++	++
IB44 - IB91	++	++
IB91 - IB57	+	++
InB12 - InB27		+
InB12 - InB64		+
InB36 - InB64		+

*Other effective combinations are also possible

Purification: Protein A 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.