



DataSheet

CATALOGUE #: 3IF18 / RIF17

PRODUCT NAME: Monoclonal mouse anti-influenza virus B group

MAbs *in vitro*
(Cat.# 3IF18):

IB76

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

MAbs *in vivo*
(Cat.# 3IF18):

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.

Recombinant MAbs
(Cat.# 3IF18):

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.

Recombinant MAbs
(Cat.# RIF17):

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

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

Capture	Detection
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.