

**CATALOGUE #:** 3IF18 and RIF17

**PRODUCT NAME:** Monoclonal anti-influenza virus B group

## 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

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**Applications:** Recommended pairs for Influenza B NP sandwich immunoassay are:

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 (NaN<sub>3</sub>)

**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.