# Datasheet

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Preanancy Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience Thyroid Diseases • Tumor Markers • Veterinary

#### 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:	<b>IgG</b> for IB70, IB71, IB87, IB91
	IgG1 for IB76, IB57, IB44, InB27, InB36, InB64, InB114, InB204, InB210, InB213
	<b>IgG2</b> for R2/3
	IgG2b for InB12



#### HYTEST LTD

# Datasheet

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Pregnancy Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience Thyroid Diseases • Tumor Markers • Veterinary

#### CATALOGUE #: 3IF18 and RIF17

PRODUCT NAME: Monoclonal anti-influenza virus B group

**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)

MaterialThis product is sold for research or further manufacturing use only. Standard Laboratory Practicessafety note: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.



SCIENTIFIC EXCELLENCE FOR IVD

#### HYTEST LTD

Intelligate 1, 6th floor, Joukahaisenkatu 6 • FI-20520 Turku, FINLAND Tel. +358 2 512 0900 • E-mail: hytest@hytest.fi • **HYTEST.FI**