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

Cat.# 3IF18 Monoclonal anti-influenza virus B group Recombinant IB70, IB71, IB87, IB91 MAbs: Recombinant monoclonal antibody expressed in a mammalian cell line. Full-size IgG sequence derived from rabbit B cells. Recombinant **IB57** MAbs: 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. Recombinant **IB44** MAbs: 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. MAbs in vitro: **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 MAbs in vivo: Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Cat.# RIF17	Monoclonal mouse anti-influenza virus B group	
Recombinant MAbs:	R2/3 Recombinant monoclonal antibody expressed in a mammalian cell line.	
Immunogens:	nunogens: Recombinant nucleoprotein of influenza virus type B strain B/Colorado/06/2017 for IB76, IB57, 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.	
	Purified influenza virus type B strain B/Beijing/184/93 for R2/3.	
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	
	IgG2a for R2/3	
	lgG2b for InB12	

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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)

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.

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