

DATASHEET

Anti-Infectious Bronchitis Virus (IBV) S Protein Mouse Monoclonal Antibody (IBV-S_6H8)

CAT. NO. AXA0020

KEY FEATURES

Target	Infectious Bronchitis Virus (IBV) S Protein	Source / Host	Mouse
Reactivity	Infectious Bronchitis Virus (IBV) S Protein	Clonality	Monoclonal
Applications	WB,IF/ICC	Storage	-20.0°C

BACKGROUND

The Infectious Bronchitis Virus (IBV) S Protein, also known as Spike Protein, is a key glycoprotein located on the surface of the virus that plays a crucial role in the viral life cycle primarily responsible for recognizing and binding to specific receptors on host cells thereby mediating viral entry into the host cells it consists of two subunits, S1 and S2 where the S1 subunit determines the viral tissue tropism and serotype specificity due to its high variability which is the main reason for the differentiation of different IBV serotypes meanwhile as the major antigen inducing the host to produce neutralizing antibodies the IBV S Protein is also a core target for the development of vaccines and diagnostic reagents.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	Dilution Ratio
WB	1:200-1:1000
IF/ICC	1:200-1:400

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Mouse Monoclonal antibody to Infectious Bronchitis Virus (IBV) S Protein
Antibody Type	Primary antibody
Immunogen	Prokaryotically expressed S Protein of IBV QX Strain
Form/Buffer	PBS, 20% Glycerol; preservative: 0.05% Sodium Azide
Alternative Names	IBV S, IBV Spike, Infectious bronchitis virus spike glycoprotein, IBV S1/S2 protein

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

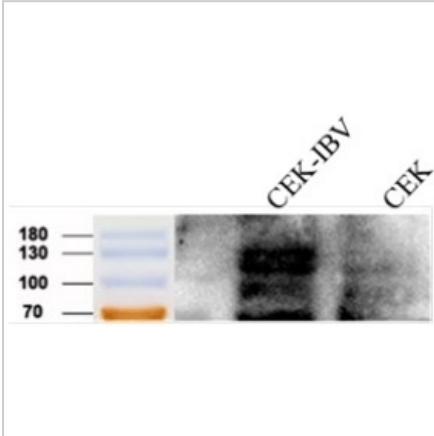
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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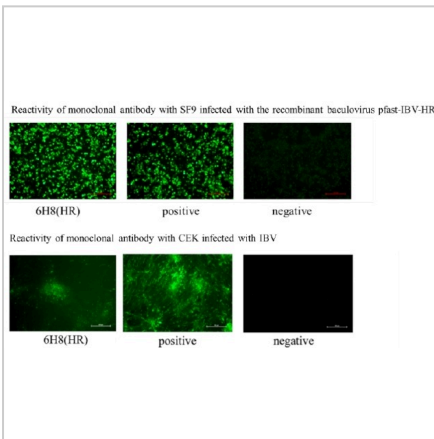
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The WB results showed that this antibody can effectively recognize the S protein expressed in sf9 cells infected with baculovirus pfast-IBV S and the CEK cells infected with the IBV QX strain.



The IFA results showed that this antibody can effectively recognize the S protein expressed in sf9 cells infected with baculovirus pfast-IBV S and the CEK cells infected with the IBV QX strain.

STORAGE

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com