

Anti-Respiratory Syncytial Virus antibody [9C5] ab10018

Overview

Product name	Anti-Respiratory Syncytial Virus antibody [9C5]
Description	Mouse monoclonal [9C5] to Respiratory Syncytial Virus
Host species	Mouse
Specificity	RSV F protein specific. Highly reactive with the surface domains of both mature RSV virions and empty virion envelopes without formed inner nucleocapsid structures.
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Respiratory syncytial virus
Immunogen	Full length native protein (purified) corresponding to Respiratory Syncytial Virus.
General notes	<p>Concentration varies from lot to lot and can be provided on request.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	9C5
Myeloma	Sp2/0
Isotype	IgG2b

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab10018 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent dilution.

Target

Relevance Respiratory syncytial virus (RSV) is a major cause of respiratory illness in young children. RSV infection produces a variety of signs and symptoms involving different areas of the respiratory tract, from the nose to the lungs. RSV is a negative sense, enveloped RNA virus. The virion is variable in shape and size with average diameter of between 120 and 300 nm. The 63 kD RSV fusion protein of the RSS 2 strain (subtype A) directs fusion of viral and cellular membranes, results in viral penetration, and can direct fusion of infected cells with adjoining cells, resulting in the formation of syncytia or multi nucleated giant cells.

Cellular localization Virion. Host cytoplasm

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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