

Anti-Influenza B Virus Nucleoprotein antibody [B017] ab20711

[12 References](#) [1 Image](#)

Overview

Product name	Anti-Influenza B Virus Nucleoprotein antibody [B017]
Description	Mouse monoclonal [B017] to Influenza B Virus Nucleoprotein
Host species	Mouse
Tested applications	Suitable for: ELISA, WB, ICC/IF
Species reactivity	Reacts with: Influenza B
Immunogen	Tissue, cells or virus corresponding to Influenza B Influenza B Virus Nucleoprotein. Influenza B/Lee/40 and B/Singapore/-222/79 viruses.
Positive control	Recombinant Influenza virus B nucleoprotein or Influenza virus B infected cells. ICC: A549 cells
General notes	<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: 7.5 Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Protein G purified
Purification notes	>95% pure (SDS-PAGE). Protein G Affinity chromatography.
Clonality	Monoclonal
Clone number	B017
Myeloma	P3x63-Ag8.653

Isotype IgG2b

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab20711 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

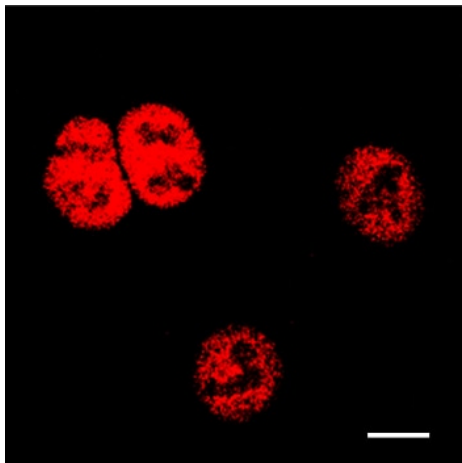
Application	Abreviews	Notes
ELISA		Use at an assay dependent dilution.
WB		Use at an assay dependent dilution.
ICC/IF		Use at an assay dependent dilution.

Target

Relevance Influenza virus B is a genus in the virus family Orthomyxoviridae. A limited host range means that Influenza virus B pandemics are rare. The nucleoprotein protects the negative strand viral RNA from nucleases by encapsidating it. encapsidated genomic RNA is termed the ribonucleoprotein (RNP) and serves as template for transcription and replication.

Cellular localization Nuclear

Images



Immunofluorescence analysis of A549 cells 8 hours after infection with Influenza B, staining Influenza B Virus Nucleoprotein with ab20711.

Immunocytochemistry/ Immunofluorescence - Anti-Influenza B Virus Nucleoprotein antibody [B017] (ab20711)

Image from Dauber B et al., PLoS Pathog. 2009 Jun;5(6):e1000473. doi: 10.1371/journal.ppat.1000473. Epub 2009 Jun 12.; Fig 4.; June 12, 2009, PLoS Pathog 5(6): e1000473.

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