abcam

Product datasheet

Anti-Measles phosphoprotein antibody [9H4] ab43820

5 References

Overview

Product name	Anti-Measles phosphoprotein antibody [9H4]
Description	Mouse monoclonal [9H4] to Measles phosphoprotein
Host species	Mouse
Tested applications	**Suitable for:** ELISA, WB, ICC/IF
Species reactivity	**Reacts with:** Measles virus
Immunogen	Recombinant phosphoprotein.
General notes	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. 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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Constituents: 0.75% Glycine, 1.21% Tris, 2% Sucrose
Purity	Protein A purified
Clonality	Monoclonal
Clone number	9H4
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab43820 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		1/2000 - 1/10000.
WB		1/200 - 1/1000. Predicted molecular weight: 70 kDa.
ICC/IF		1/100 - 1/500.

Target

Relevance

Measles virus belongs to the Paramyxoviridae family within the Mononegavirales order. Measles phosphoprotein is an essential component of the RNA polymerase and the nascent chain assembly complex. The non-segmented, single stranded, negative sense RNA genome of the virus is encapsidated by the nucleoprotein (N) to form a helical nucleocapsid. This ribonucleoproteic complex is the substrate for both transcription and replication. The RNA-dependent RNA polymerase binds to the nucleocapsid template via its co-factor, the phosphoprotein (P).

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

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