

Datasheet: OBT1560

BATCH NUMBER 180118

Description:	MOUSE ANTI INFLUENZA A H3 ANTIGEN
Specificity:	INFLUENZA A H3 ANTIGEN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	30-2F11-F7-A5
Isotype:	IgG2a
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Viral
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein	IgG concentration 1.0 mg/ml

Concentrations

Immunogen	Influenza blend.
RRID	AB_619086
Specificity	<p>Mouse anti Influenza A H3 antigen antibody, clone 30-2F11-F7-A5 recognizes the Influenza A H3 antigen and shows no reactivity to influenza B strains.</p> <p>Mouse anti influenza A H3 antigen, clone 30-2F11-F7-A5 reacts strongly with the following H3N2 strains: A/Wuhan/396/95; A/Johannesburg/33/94; A/Shandong/93; A/Shanghai /16/89; All CA (H3N2) strains 1986 to present.</p> <p>Clone 30-2F11-F7-A5 shows no reactivity with the following H1N1 strains: A/Taiwan/1/86; A/Texas/36/91; A/USSR/90/77; All CA (H1N1) strains 1986 to present.</p> <p>Mouse anti influenza A H3 antigen antibody, clone 30-2F11-F7-A5 has been used successfully for the detection of influenza A H3 antigen in virus infected MDCK cells by immuno-electron microscopy (Masic et al. 2013).</p>
References	<p>1. Masic, A. et al. (2013) An eight-segment swine influenza virus harboring H1 and H3 hemagglutinins is attenuated and protective against H1N1 and H3N2 subtypes in pigs. J Virol. 87 (18): 10114-25.</p>
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/OBT1560</p> <p>10040</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 ,

	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
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