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CERTIFICATE OF ANALYSIS

Important Note: **Centrifuge before opening to ensure complete recovery of vial contents.**

Catalog #:	B87020M	**Lot #:**	5C06421
Description:	MAb to Influenza A (Matrix) Monoclonal Antibody to Influenza A (Matrix Protein)		
Specificity:	Recognizes the Influenza A matrix protein.		
Host Animal:	Mouse. Hybridization of P3 Ag8.653 myeloma cells with spleen cells from BALB/c mice.	**Isotype:**	IgG_1
Source:	Tissue Culture		
Immunogen:	Influenza A/Puerto Rico/8/34 (H1N1) and A/Bangkok/1/79 (H3N2) Viruses.		
Format:	Purified, Liquid		
Purification:	> 90% pure (SDS-PAGE). Protein A Chromatography		
Concentration:	1 mg/mL (OD280nm)		
Buffer:	Phosphate Buffered Saline		
Preservative:	0.09% Sodium Azide		
Applications:	Suitable for use in Western blotting and Indirect immunofluorescence (1:100). Prepare working dilution only prior to immediate use. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.		
Storage:	Short-term (up to 2 weeks) store at 2–8°C. Long term store at -20°C. Avoid multiple freeze/thaw cycles.		
Safety Notes (s):	Refer to the appropriate Safety Data Sheet (SDS) for additional information.		

References:

The references listed below are for research purposes only:

1. Chiang, C., et al., (2008), "Mutations at Alternative 5' splice sites of M1 mRNA negatively affect Influenza A Virus viability and growth rate", Journal of Virology, **82**(21): 10873-10886.
2. Hui, E.K.W., et al., (2006), "Mutations in Influenza Virus M1 CCHH, the Putative Zinc Finger Motif, Cause Attenuation in Mice and Protect Mice against Lethal Influenza Virus Infection", Journal of Virology, **80**(12): 5697-5707.
3. Latham, T., et al., (2001), "Formation of wild-type and chimeric influenza virus-like particles following simultaneous expression of only four structural proteins", J. Virol., **75** (13): 6154–6165.

Quality Signature: Brianea Gale 08 MAR 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY