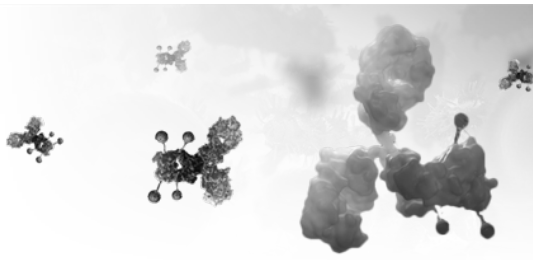

Anti-IAV Matrix Protein 1 Polyclonal antibody (DPAB0168)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Influenza A matrix protein (M1). Recognizes the M1 protein for any strain of Influenza A. Conservation of the matrix protein sequence between hemagglutinin/Neuraminidase typed strains. Does not react with the M2 matrix protein. Does not react with HEp-2 c
Target	IAV Matrix Protein 1
Immunogen	Purified M1 protein, Influenza A-Phillipines (H3N2)
Source/Host	Goat
Species Reactivity	IAV
Purification	Purified IgG fraction of antiserum covalently coupled to a highly purified preparation of horseradish peroxidase (RZ3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is removed.
Conjugate	Unconjugated
Applications	Suitable for use in immunocytochemistry and ELISA. Not recommended for use in IHC. 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.
Format	HRP, Liquid
Concentration	1–2mg/ml (OD280nm, E0.1% = 1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 containing 10mg/ml BSA.
Preservative	None

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Storage	Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Influenza A virus is a major public health threat. Novel influenza virus strains caused by genetic drift and viral recombination emerge periodically to which humans have little or no immunity, resulting in devastating pandemics. Influenza A can exist in a variety of animals; however it is in birds that all subtypes can be found. These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes.
Keywords	Influenza A Virus M1; Influenza A Virus; Group V ((-)ssRNA); Orthomyxoviridae; FLUAVAHHH9N2s7gp2; FLUAVs7gp1; M1; M1 matrix protein 1; Matrix Protein 1; Membrane matrix protein M1

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