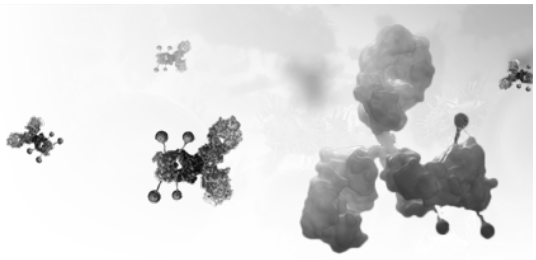

Anti-IAV Polyclonal antibody (DPAB0164)

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

PRODUCT INFORMATION

Specificity	Purified virions. Specific to H1N1 by IHA. Does not react with Influenza B, RSV, Para 1-3 or Adeno. Does not react with HEp-2 cells. May react with chicken cellular proteins.
Target	IAV
Immunogen	Influenza A Strain: A/USSR/90/77 (H1N1)
Source/Host	Goat
Species Reactivity	IAV
Purification	Purified IgG covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.
Conjugate	FITC
Applications	Suitable for use in immunohistochemistry (formalin fixed/paraffin embedded sections) and direct FA staining of target antigens in a permissive tissue culture system. A starting range of 1:10 - 1:50 is suggested. Acetone fixation of the antigen source is recommended prior to staining. 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.
Concentration	4-5mg/ml (OD280nm, E0.1% = 1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 containing 10mg/ml BSA
Preservative	0.1% Sodium Azide
Storage	Short-term (up to 6 months) store at 2-8°C under subdued light. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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BACKGROUND

Introduction	Influenza A (H1N1) virus is a subtype of influenza A virus and was the most common cause of human influenza (flu) in 2009. Some strains of H1N1 are endemic in humans and cause a small fraction of all influenza-like illness and a small fraction of all seasonal influenza. H1N1 strains caused a few percent of all human flu infections in 2004–2005Other strains of H1N1 are endemic in pigs (swine influenza) and in birds (avian influenza).
Keywords	Influenza A Virus; Flu; H1N1; Matrix protein M1; Group V ((-)ssRNA); Orthomyxoviridae; Influenza

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