



Anti-IAV Polyclonal antibody (DPAB0163)

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 cross 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	IgG fraction covalently coupled with the N-Hydroxysuccinimide ester of Biotin under mild conditions to give a high degree of substitution.
Conjugate	Biotin
Applications	Suitable for use with avidin and streptavidin amplification systems for immunohistochemistry (formalin fixed/paraffin embedded sections) and fluorescence microscopy. 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
Preservative	0.1% Sodium Azide
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 (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 2004–2005. Other 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