



Anti-IAV Polyclonal antibody (DPAB0165)

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

PRODUCT INFORMATION

Specificity	Purified virions. Specific to H1N1 by IHA. Reacts with all antigenic types of Influenza A in other assay applications. Does not react Inf. 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	Protein A chromatography followed by covalent coupling 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. Estimated molar HRP:IgG
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and immunohistochemistry (formalin fixed/paraffin). 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	PBS containing 10mg/ml BSA
Preservative	None
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 viruses are a common and widely spread infectious agent. Like many other viruses, influenza virus are constantly undergoing mutations and thereby avoiding the immune system. The Influenza A Virus M proteins form a continuous shell on the inner side of the lipid bilayer, maintaining the structural integrity of the virus particle through hydrophobic interactions.

Keywords

Influenza A Virus; Flu; H1N1; Matrix protein M1; Group V ((-)ssRNA); Orthomyxoviridae; Influenza
