



Anti-IAV Polyclonal antibody (DPAB0165)

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

PRODUCT INFORMATION

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|---------------------------|---|
| 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
