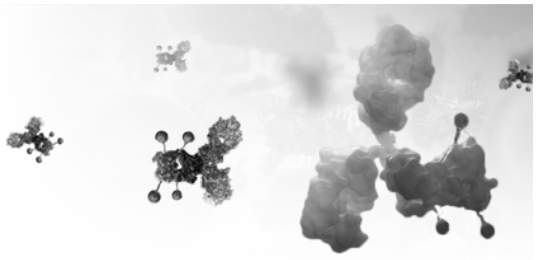

Anti-IAV Polyclonal antibody (DPAB0189)

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

PRODUCT INFORMATION

Specificity	Purified virions. May react with chicken cellular proteins. Specific to H3N2 by IHA. Does not react with HEp-2 cells, Influenza B, RSV, Para 1–3 or Adeno.
Target	IAV
Immunogen	Influenza A Strain: Texas 1/77 (H3N2)
Source/Host	Goat
Species Reactivity	IAV
Purification	Sodium sulfate precipitation and ion-exchange chromatography purified from the whole antiserum and conjugated 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 IHA and direct IFA. 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 virus subtype H3N2 (also H3N2) is a subtype of viruses that cause influenza (flu). H3N2 Viruses can infect birds and mammals. In birds, humans, and pigs, the virus has mutated into many strains. H3N2 is increasingly abundant in seasonal influenza, which kills an estimated 36,000 people in the United States each year.
Keywords	Influenza A Virus; Flu; H3N2; Matrix protein M1; Group V ((-)ssRNA); Orthomyxoviridae

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