

Goat INFLUENZA A H3N2 Polyclonal Antibody

GOAT ANTI INFLUENZA A H3N2

CATALOG # AAA49886	HOST Goat	APPLICATIONS Immunofluorescence
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PRODUCT SYNONYMS

INFLUENZA A H3N2; Polyclonal Antibody; GOAT ANTI INFLUENZA A H3N2; anti-INFLUENZA A H3N2 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Specificity	This item is specific for H3N2 by Haemagglutination inhibition. This item does not react with influenza B, RSV, Para 1-3 or Adenovirus, but may react with proteins present on uninfected chicken cells. Influenza type A viruses are divided into subtypes based on the antigenic differences of two viral surface proteins, hemagglutinin (H) and neuraminidase (N). On infection of the respiratory tract, the hemagglutinin molecule binds to sialic acid-containing receptors on the epithelial cells resulting in endocytosis. Once the virus has been engulfed, the hemagglutinin allows the viral membrane to fuse with the endosomal membrane. Neuraminidase functions to aid viral release from host cells by cleaving terminal sialic acid residues from carbohydrate moieties on the cell surface. Subtype antigenic variations result from a process known as antigenic drift whereby these surface proteins constantly mutate in order to evade the host immune response.the host immune response.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Applicable Applications for anti-INFLUENZA A H3N2 antibody	IF (Immunofluorescence)
Perservative Stabilisers	0.09% Sodium Azide (NaN3)
Immunogen	Influenza A, Texas 1/77 strain (H3N2). Buffer Solution
Target Species	Viral
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-INFLUENZA A H3N2 antibody	MBS220956 is specific for H3N2 by Haemagglutination inhibition. MBS220956 does not react with influenza B, RSV, Para 1-3 or Adenovirus, but may react with proteins present on uninfected chicken cells. Influenza type A viruses are divided into subtypes based on the antigenic differences of two viral surface proteins, hemagglutinin (H) and neuraminidase (N). On infection of the respiratory tract, the hemagglutinin molecule binds to sialic acid-containing receptors on the epithelial cells resulting in endocytosis. Once the virus has been engulfed, the hemagglutinin allows the viral membrane to fuse with the endosomal membrane. Neuraminidase functions to aid viral release from host cells by cleaving terminal sialic acid residues from carbohydrate moieties on the cell surface.Subtype antigenic variations result from a process known as antigenic drift whereby these surface proteins constantly mutate in order to evade the host immune response.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/influenza-a-h3n2-antibody-immunofluorescence-elisa/49886>