

Product datasheet for TA160120

HA Rabbit Polyclonal Antibody

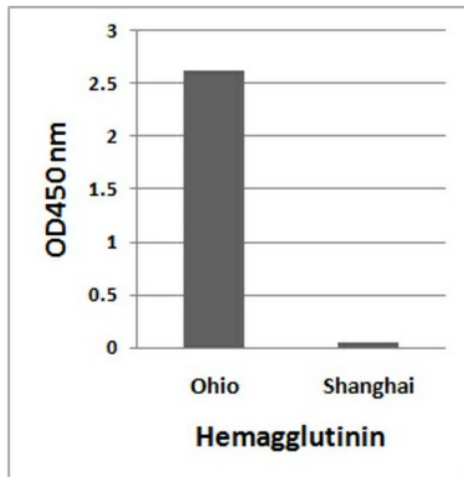
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: 1 ug/mL
Reactivity:	Influenza A Virus
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Avian Influenza A H7N9 Hemagglutinin antibody was raised against a synthetic peptide corresponding to 11 amino acids near the center of the hemagglutinin [Influenza A virus (A/blue-winged teal/Ohio/566/2006(H7N9))] protein.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Background:	Influenza A virus is a major public health threat, killing more than 30,000 people per year in the USA (1). Novel influenza virus strains caused by genetic drift and viral recombination emerge periodically to which humans have little or no immunity, resulting in devastating pandemics. Influenza A can exist in a variety of animals; however it is in birds that all subtypes can be found (2). These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes. H7N9 bird flu is the newest atypical influenza virus infection that has just been reported since early 2013. The emergence of this new strain occurred in China and has become the present focus for possible worldwide pandemic (3).



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Product images:



H7N9 Hemagglutinin antibody (Cat. No. 7821 at 1ug/mL) detects 10 ng of Influenza A virus (A/blue-winged teal/Ohio/566/2006 (H7N9)) hemagglutinin peptide, and not 10 ng of Influenza A virus (A/Shanghai/02/2013 (H7N9)) hemagglutinin peptide in ELISA.