

DESCRIPTION

Species Reactivity	Influenza A Virus H1N1
Specificity	Detects Influenza A Virus H1N1 Hemagglutinin in direct ELISA.
Source	Monoclonal Rabbit IgG Clone # 2908B
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human embryonic kidney cell, HEK293-derived influenza a virus H1N1 Hemagglutinin with a C-terminal 6-His tag Met1-Gln529 Accession # YP_009118626
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Influenza hemagglutinin (HA) is a homotrimeric glycoprotein found on the surface of influenza viruses. HA is responsible for binding influenza virus to sialic acid on the surface of target cells. HA is also responsible for the fusion of the viral envelope with the late endosomal protein when it is exposed to low pH. H1N1 is a subtype of Hemagglutinin in influenza A which also includes Neurominidase protein on its surface.

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