

#### DESCRIPTION

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| <b>Species Reactivity</b> | Influenza A Virus H1N1                                                                                                                                                                                                                                                      |
| <b>Specificity</b>        | Detects Influenza A Virus H1N1 Hemagglutinin in direct ELISA.                                                                                                                                                                                                               |
| <b>Source</b>             | Monoclonal Rabbit IgG Clone # 2908B                                                                                                                                                                                                                                         |
| <b>Purification</b>       | Protein A or G purified from cell culture supernatant                                                                                                                                                                                                                       |
| <b>Immunogen</b>          | Human embryonic kidney cell, HEK293-derived influenza a virus H1N1 Hemagglutinin with a C-terminal 6-His tag<br>Met1-Gln529<br>Accession # YP_009118626                                                                                                                     |
| <b>Conjugate</b>          | Alexa Fluor 488<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm                                                                                                                                                                                         |
| <b>Formulation</b>        | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide<br><br>*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.

|                            |                                                                        |
|----------------------------|------------------------------------------------------------------------|
| <b>Western Blot</b>        | Optimal dilution of this antibody should be experimentally determined. |
| <b>Immunocytochemistry</b> | Optimal dilution of this antibody should be experimentally determined. |

#### PREPARATION AND STORAGE

|                                |                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Shipping</b>                | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below. |
| <b>Stability &amp; Storage</b> | 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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