

## Seasonal H1N1 Hemagglutinin Antibody

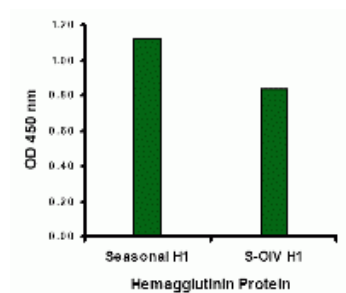
CATALOG NUMBER: 5239

### Specifications

|                            |   |
|----------------------------|---|
| <b>Host Species</b>        | Rabbit  |
| <b>Species Reactivity</b>  | Virus   |
| <b>Immunogen</b>           | Hemagglutinin antibody was raised against a synthetic peptide from the Hemagglutinin protein.<br>The peptide sequence is unique from the peptide sequence for product 5231, and 5235.<br>This antibody is a cognate pair with product number 5241.<br>The immunogen is located within amino acids 150 - 200 of Seasonal H1N1 Hemagglutinin. |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Tested Applications</b> | ELISA   |
| <b>User Note</b>           | Optimal dilutions for each application to be determined by the researcher.  |
| <b>Specificity</b>         | This antibody is specific for the seasonal H1N1 influenza Hemagglutinin and will not recognize the corresponding Hemagglutinin sequence from the swine-origin H1N1 influenza (A/California/14/2009 (H1N1)). Will not cross-react with peptide corresponding to the swine-origin H1N1 influenza Hemagglutinin.                               |

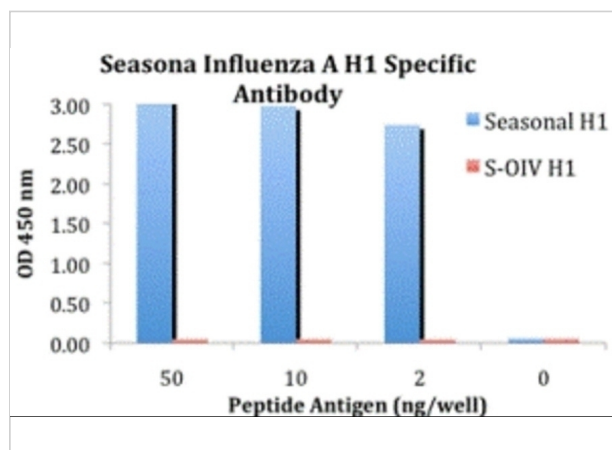
### Properties

|                           |   |
|---------------------------|---|
| <b>Purification</b>       | Seasonal H1N1 Hemagglutinin Antibody is affinity chromatography purified via peptide column.  |
| <b>Clonality</b>          | Polyclonal  |
| <b>Isotype</b>            | IgG   |
| <b>Physical State</b>     | Liquid  |
| <b>Buffer</b>             | Seasonal H1N1 Hemagglutinin Antibody is supplied in PBS containing 0.02% sodium azide.  |
| <b>Concentration</b>      | 1 mg/mL   |
| <b>Storage Conditions</b> | Seasonal H1N1 Hemagglutinin antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |



## Seasonal H1N1 Hemagglutinin Antibody 1

Seasonal Influenza A Hemagglutinin antibody (2 µg/mL) recognizes seasonal influenza A (H1N1), and to a lesser extent swine-origin influenza A (S-OIV, H1N1), Hemagglutinin protein in ELISA.



## Seasonal H1N1 Hemagglutinin Antibody 2

ELISA results using Seasonal H1N1 Hemagglutinin antibody at 1 µg/mL and the blocking and corresponding peptides at 50, 10, 2 and 0 ng/mL.

## Disclaimer

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Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.

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