

# Influenza A H5N1 (Avian Flu) Hemagglutinin / HA Antibody, Rabbit MAb

Catalog Number: 11048-RM07



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Biological Solution Specialist

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| GENERAL INFORMATION       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:                | Recombinant H5N1 HA protein (Catalog#11048-V08H1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preparation               | This antibody was obtained from a rabbit immunized with purified, recombinant Influenza A virus H5N1 (Avian Flu) Hemagglutinin extracellular domain.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ig Type:                  | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Clone ID:                 | 82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Specificity:              | H5N1 (A/Anhui/1/2005) HA<br>H5N1 (A/Anhui/1/2005) HA2 Sub-unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                           | <p><b>Has cross-reactivity in ELISA with</b></p> <p>H5N1 (A/Anhui/1/2005) HA Protein (Cat# 11048-V08H1)<br/> H5N1 (A/dairy cow/Texas/24-008749-002) HA Protein (Cat# 41036-V08H)<br/> H5N1 (A/turkey/Turkey/1/2005) HA<br/> H5N1 (A/Indonesia/5/2005) HA<br/> H5N1 (A/Viet Nam/1203/2004) HA<br/> H5N1 (A/chicken/India/NIV33487/2006) HA<br/> H5N1 (A/goose/Guizhou/337/2006) HA<br/> H5N1 (A/Hong Kong/483/97) HA<br/> H5N1 (A/Cambodia/R0405050/2007) HA<br/> H5N1 (A/Egypt/N05056/2009) HA<br/> H5N1 (A/duck/Hunan/795/2002) HA<br/> H5N1 (A/Egypt/2321-NAMRU3/2007) HA<br/> H5N3 (A/duck/Hokkaido/167/2007) HA<br/> H5N8 (A/duck/NY/191255-59/2002) HA<br/> H5N1 (A/whooper swan/mongolia/244/2005) HA<br/> H5N1 (A/bar-headed goose/Qinghai/14/2008) HA<br/> H5N1 (A/Common magpie/Hong Kong/2256/2006) HA</p> <p><b>No cross-reactivity in ELISA with</b></p> <p>H1N1 (A/California/04/2009) HA<br/> H1N1 (A/California/04/2009) HA1 Sub-unit<br/> H1N1 (A/Brisbane/59/2007) HA<br/> H1N1 (A/Brevig Mission/1/1918) HA<br/> H3N2 (A/Brisbane/10/2007) HA<br/> Influenza B (B/Florida/4/2006) HA</p> |
| Formulation:              | 0.2 µm filtered solution in PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Storage:                  | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-free. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Alternative Names:        | Hemagglutinin,HA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| APPLICATIONS              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Applications:             | ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                           | IHC, FCM, IF, IP et al. applications haven't been validated.<br>(Antibody's applications haven't been validated with corresponding virus positive samples. Optimal concentrations/dilutions should be determined by the end user.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RECOMMENDED CONCENTRATION |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ELISA                     | ELISA: 1:1000-1:2000<br>This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect H5N1 HA.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

**Please Note: Optimal concentrations/dilutions should be determined by the end user.**