

Influenza A H1N1 (Swine Flu 2009) Hemagglutinin / HA Antibody (HRP), Rabbit PAb, Antigen Affinity Purified

Catalog Number: 11055-RP07



Sino Biological
Biological Solution Specialist

GENERAL INFORMATION

Immunogen:	Recombinant H1N1 HA protein
Preparation	Produced in rabbits immunized with purified, recombinant Influenza A virus H1N1 (Swine Flu 2009) Hemagglutinin extracellular domain. H1N1 Hemagglutinin / HA specific IgG was purified by Influenza A virus H1N1 Hemagglutinin / HA affinity chromatography, and conjugated with horseradish peroxidase (HRP).
Ig Type:	Rabbit IgG
Specificity:	H1N1 (A/California/04/2009) HA H1N1 (A/California/07/2009) HA
Formulation:	0.2 µm filtered solution in PBS with 50 % HRP-protector, pH 7.4
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. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

APPLICATIONS

Applications:	WB,ELISA(Det)
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RECOMMENDED CONCENTRATION

Western Blot	This antibody can be used at 1:500-1:1000 to detect H1N1 HA. The detection limit for H1N1 HA is approximately 3 ng/lane and 6 ng/lane under reducing and Non-reducing conditions.
Sandwich ELISA (Detection Ab)	This antibody can be used as a detection reagent in a H1N1 HA sandwich immunoassay (Catalog#SEK001) in combination with the mouse anti-H1N1 HA monoclonal antibody and recombinant H1N1 HA as the standard. The suggested concentration range for this detection is 1-4 µg/mL and should be titrated to determine the optimal concentration.

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