

Product name

Anti-HA antibody

Specificity

Anti-H7N9 HA / Hemagglutinin

Has cross-reactivity in ELISA with H7N9 (A/Hangzhou/1/2013) HA; H7N9 (A/Shanghai/2/2013) HA; H7N9 (A/Hangzhou/3/2013) HA; H7N9 (A/Shanghai/1/2013) HA; H7N9 (A/Anhui/1/2013) HA; H7N9 (A/Pigeon/Shanghai/S1069/2013) HA; H7N9 (A/Shanghai/4664T/2013) HA; H7N9 (A/Zhejiang/DTID-ZJU10/2013) HA; H7N9 (A/Zhejiang/1/2013) HA; H7N3 (A/turkey/Italy/214845/2002) HA; H7N7 (A/Netherlands/219/03) HA; H7N7 (A/chicken/Netherlands/1/03) HA; H7N7 (A/equine/Kentucky/1a/1975) HA; H7N8 (A/mallard/Netherlands/33/2006) HA; H7N1 (A/turkey/Italy/4602/99) HA

No cross-reactivity in ELISA with H1N1 (A/California/07/2009) HA; H2N2 (A/Canada/720/2005) HA; H3N2 (A/Brisbane/10/2007) HA; H4N6 (A/mallard/Ohio/657/2002) HA; H5N1 (A/Anhui/1/2005) HA; H6N1 (A/northern shoveler/California/HKWF115/2007) HA; H8N4 (A/pintail duck/Alberta/114/1979) HA; H9N2 (A/Hong Kong/1073/99) HA; H10N3 (A/duck/Hong Kong/786/1979) HA; H11N2 (A/duck/Yangzhou/906/2002) HA; H12N5 (A/green-winged teal/ALB/199/1991) HA; H13N8 (A/black-headed gull/Netherlands/1/00) HA; H15N8 (A/duck/AUS/341/1983) HA; H16N3 (A/black-headed gull/Sweden/5/99) HA

Antibody description

Rabbit monoclonal to HA

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

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.

Clonality

Monoclonal

Ig Type

Rabbit IgG

Applications

ELISA, FCM, MN, HI, B/N

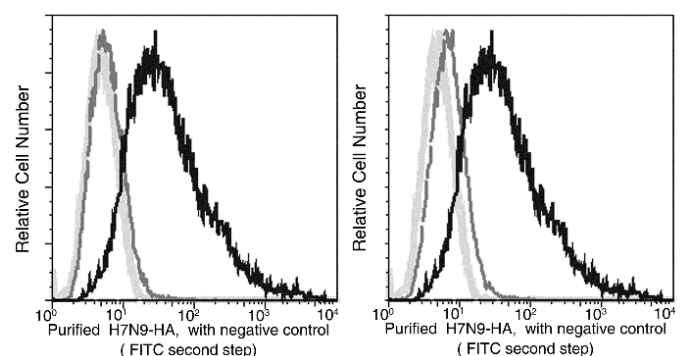
Dilutions

ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect H7N7 (A/Netherlands/219/03) HA, H7N7 (A/chicken/Netherlands/1/03) HA, H7N9 (A/Anhui/1/2013) HA and H7N9 (A/Shanghai/1/2013) HA in ELISA.

FCM: 0.5-2 µg/Test

Validations



Anti-H7N9 Hemagglutinin / HA Antibody,

Hemagglutination Inhibition Activity, Rabbit MAb,
Flow cytometric analysis

Flow cytometric analysis of Purified anti-H7N9-HA antibody on 293 transfected cells. 293 cells were transfected with plasmid DNA of H7N7 (A/Netherlands/219/2003) Hemagglutinin (Cat.No. VG11082-G-N), then the cells were collected at 72 hours posttransfection, and the cell surface expression of HA were measured by flowcytometry. The transfected cells stained with Purified Rabbit anti-H7N9-HA (Bold line hisgram,

1 μ g /test), To demonstrate specificity of staining, the binding of 11082-R002 was blocked by the preincubation of the purified antibody with molar excess of recombinant Influenza A H7N9 (A/Shanghai/1/2013) Hemagglutinin (Left panel, 5 μ g, Cat. No. 40104-V08H), and Influenza A H7N9 (A/Anhui/1/2013) Hemagglutinin (Right panel, 5 μ g, Cat. No. 40103-V08H) for 1 hour (Dashed line hisgram), then stained with a FITC-conjugated second step antibody, grey line histogram represented negative control.