

## Antibody Datasheet

**Name:** Influenza A Virus Nucleoprotein Antibody (HL1089)

**Product Code:** MAB12483-100 / MAB12483-500

**Batch #:**

**Date of Manufacture:**

**Product Description:** Anti-influenza A virus nucleoprotein monoclonal antibody, made in rabbit.

**Clone Number:** HL1089

**Isotype:** IgG

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** mg/ml

**Presentation:** Liquid

**Buffer:** PBS

**Stabilizer:** No stabilizer added

**Preservative:** No preservative added

**Immunogen:** Recombinant protein encompassing a sequence within the center region of Influenza A virus Nucleoprotein. The exact sequence is proprietary.

**Purification:** Affinity purified by Protein A.

**Specificity:** Influenza A virus

**Applications:** WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA

**Matched Pair:** Capture: MAB12483 and Detection: MAB12484 or Capture: MAB12484 and Detection: MAB12483 (conjugated to HRP)

### Usage Guidelines

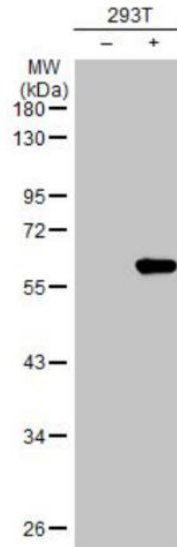
**Short Term Storage:** 1-2 weeks at 4°C.

**Long Term Storage:** -20°C

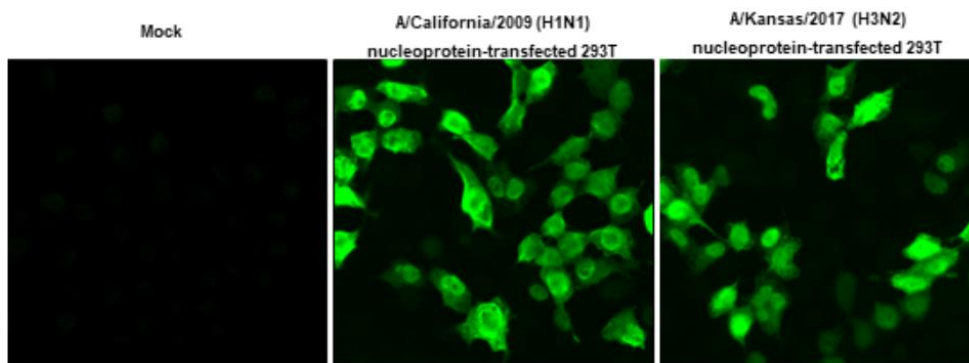
**Storage Guidelines:** Store as concentrated solution. Centrifuge briefly prior to opening vial. Avoid multiple freeze-thaw cycles.



**Western Blot:** Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Influenza A virus Nucleoprotein antibody MAB12483 diluted at 1:5000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



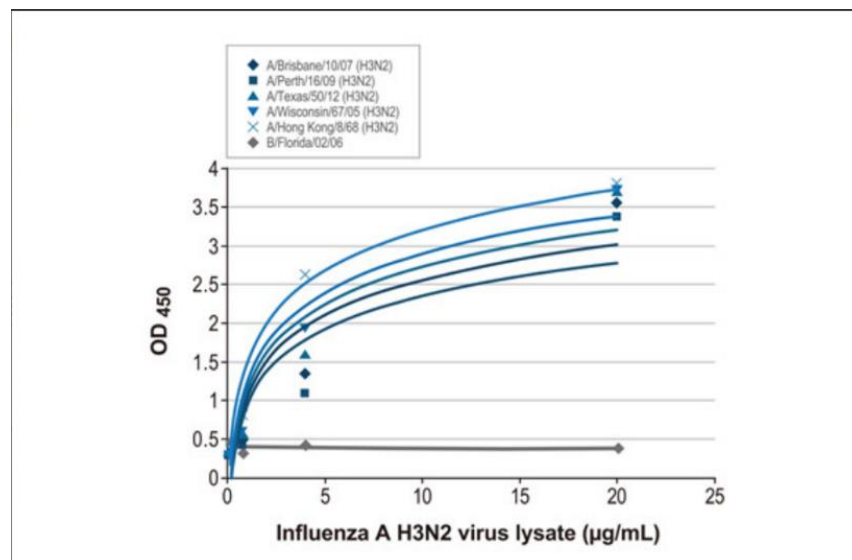
**IF:** Influenza A virus Nucleoprotein antibody MAB12483 detects overexpressed Influenza virus Nucleoprotein protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Influenza A virus Nucleoprotein stained by MAB12483 diluted at 1:2000.



**ELISA:** Sandwich ELISA detection of viral lysate derived from different strains of Influenza A virus (i.e., A/Brisbane/10/07 (H3N2); A/Perth/16/09 (H3N2); A/Texas/50/12 (H3N2); A/Wisconsin/67/05 (H3N2); A/Hong Kong/8/68 (H3N2)) and Influenza B virus (i.e., B/Florida/02/06) using antibodies as below.

Capture: Influenza A virus Nucleoprotein antibody MAB12484 (5 µg/mL)

Detection: HRP-conjugated Influenza A virus Nucleoprotein antibody MAB12483 (1 µg/mL)



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**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**