

## Mouse Anti-Influenza-A H5N1 Hemagglutinin Monoclonal Antibody

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Cat. No. CAB353

Lot. No. (See product label)

### PRODUCT INFORMATION

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**Antigen Information:** Influenza A virus subtype H5N1 is a subtype of the Influenza A virus. Subtype H5N1 is commonly known as avian influenza or bird flu. H5N1 may cause more than one influenza pandemic as it is expected to continue mutating in birds. The dominant strain of HPAI A (H5N1) evolved creating the Z genotype. It has also been called Asian lineage HPAI/A/H5N1 which is divided into 2 antigenic clades. "Clade 1 includes human and bird isolates from Vietnam, Thailand, and Cambodia and bird isolates from Laos and Malaysia. Clade 2 viruses were first identified in bird isolates from China, Indonesia, Japan, and South Korea before spreading westward to the Middle East, Europe, and Africa.

**Description:** Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with purified avian influenza virus type A H5N1.

**Immunogen:** Influenza A hemagglutinin H5N1.

**Ig Subclass:** Mouse IgG1.

**Purification Method:** Chromatography on protein G Sepharose.

**Protein Concentration:** In PBS, pH 7.4 and 0.1 % NaN3.

**Applications:** Influenza A haemagglutinin 1 H5N1 immunodetection in direct or indirect ELISA, and Western Blotting.

**Shipping Conditions:** Antibody is shipped as in liquid form with ice packs.

**Stability / Shelf Life:** Two years at 4°C.

**Storage Procedures:** For long periods, store at 4°C.

### GENE INFORMATION

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**Gene Name:** [HA hemagglutinin \[ Influenza A virus\(A/Goose/Guangdong/1/96\(H5N1\)\) \]](#)

**Synonyms:** HA; hemagglutinin

**GenID:** [3654620](#)

**UniProt ID:** Q9Q0U6

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