

# H5N1 Monoclonal Antibody



CPAB0378

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## Product Information

**Size:**

5µg

**Applications:**

Western Blot, ELISA

**Reactivity:**

Viral

**Source:**

Mouse

**Isotype:**

IgG1

**Purification Method:**

Influenza-A H5N1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.

**Protein Background:**

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.

**Synonyms:****Immunogen:**

Anti-human H5N1/HA1, is derived from hybridization of mouse FO myeloma cells with spleen cells from BALB/c mice immunized with recombinant human H5N1/HA1, 17-338 amino acids purified from Baculovirus.

**Storage:**

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.