

32-5898: Mouse Anti-Human H5N1/HA1 (Clone: PAT2B7AT)

Clonality :	Monoclonal
Clone Name :	PAT2B7AT
Application :	ELISA, WB
Format :	Purified
Isotype :	Mouse IgG1 heavy chain and k light chain.
Immunogen Information :	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.

Description

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 pandemics 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.

Product Info

Amount :	20 µg
Purification :	Influenza-A H5N1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

Influenza-A H5N1 antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:3000.