

## Anti-HA [8H5] Standard Size Ab02100-2.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** 8H5

**Alternative Name(s) of Target:** Hemagglutinin; Avian Influenza Virus; AIV; H5N1; Influenza A virus

**UniProt Accession Number of Target Protein:** Q6DQ18

**Published Application(s):** Hemagglutination inhibition test;, NTRL, ELISA

**Published Species Reactivity:** Influenza A Virus (several subtypes)

**Immunogen:** The original antibody was generated by immunizing BALB/c mice with Ck/HK/Yu22/02(H5N1).

**Specificity:** This antibody specifically binds the hemagglutinin of avian influenza virus subtype H5.

**Application Notes:** This mAb is a broad spectrum neutralization monoclonal antibody against haemagglutinin (HA) of H5 subtype AIV and recognizes a very conserved epitope in HA. McAb 8H5 showed high reactivity with 33 strains of H5N1 virus isolated from 2002 to 2006 in different areas and hosts by hemagglutinin inhibition (HI) test and neutralization test (NT). This mAb is not cross reactive with non H5 HA of standard AIV in hemagglutinin inhibition test (Xia et al, 2006). This antibody can detect HA in an ELISA test.

**Antibody First Published in:** Xia et al. Characterization of a Broad-spectrum Neutralization Monoclonal Antibody against Haemagglutinin of H5 Subtype Avian Influenza Virus. Chinese Journal of Virology, 2006.

**PMID:**

**Note on publication:** Describes the generation and characterization of this antibody and development of a diagnostic assay using this antibody for the detection of H5N1.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.