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## Product Datasheet

### Hemagglutinin 5 Antibody (orb1821654)

**Description**

Hemagglutinin 5 Antibody

**Species/Host**

Human

**Reactivity**

Virus

**Conjugation**

Unconjugated

**Tested**

NeA

**Applications**
**Immunogen**

H5.3 was generated from hybridomas created by fusing PBMCs (peripheral blood mononuclear cells) from human donors who had been previously received an A/Vietnam/1203/2004 H5N1 subunit vaccine with myeloma cells. The hybridoma cells were screened for those showing binding affinity for H5 HA.

**Target**

Hemagglutinin 5

**Preservatives**

PBS with 0.02% Proclin 300.

**Concentration**

1 mg/ml

**Storage**

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

**Note**

For research use only

**Application notes**

H5.3 binds to H5 where it is able to block the receptor binding site on HA by inserting its CDR3 into the site (IC50 ~ 20 ng/ml). H5.3 can neutralize wild-type VN/1203, rdt VN/1203 K and VN/1203 F pseudovirions, all with IC50s of 5 ng/ml. This antibody also has potent HI (hemagglutination inhibition) activity (80 ng/ml).

**Isotype**

IgG1

**Clonality**

Monoclonal

**Uniprot ID**
**Q5EP31**
**Expiration Date**

12 months from date of receipt.