

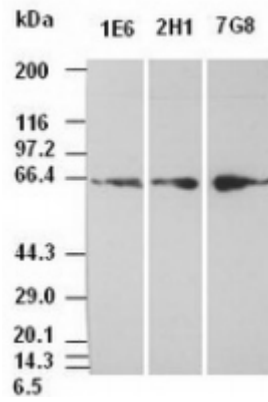


## PURIFIED MOUSE MONOCLONAL ANTIBODY AGAINST INFLUENZA A VIRUS (CLONE 1E6)

<b>Catalog Number</b>	TA500058
<b>Product Name</b>	Purified Mouse Monoclonal Antibody against Influenza A virus (clone 1E6)
<b>Amount</b>	100ul
<b>Immunogen</b>	Recombinant protein expressed in E.coli corresponding to amino acids 1-568 of influenza A virus H5HA
<b>Concentration</b>	1mg/ml
<b>Reactivity</b>	Human
<b>Tested Application</b>	WB
<b>Formulation</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide
<b>Storage/Stability</b>	Shipped at 4 °C. Store at -20 °C upon delivery. Stable for at least 1 year from date of shipment.
<b>Purification</b>	Purified from mouse ascites fluids
<b>Background</b>	<p>Influenza A virus is a major public health threat. Novel influenza virus strains caused by genetic drift and viral recombination emerge periodically to which humans have little or no immunity, resulting in devastating pandemics. Influenza A can exist in a variety of animals; however it is in birds that all subtypes can be found. These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes. During 1997, an H5N1 avian influenza virus was determined to be the cause of death in 6 of 18 infected patients in Hong Kong. There was some evidence of human to human spread of this virus, but it is thought that the transmission efficiency was fairly low. HA interacts with cell surface proteins containing oligosaccharides with terminal sialyl residues. Virus isolated from a human infected with the H5N1 strain in 1997 could bind to oligosaccharides from human as well as avian sources, indicating its species jumping ability.</p>
<b>Safety</b>	<p>This product contains sodium azide. Sodium azide may react with lead and copper plumbing to form explosive metal azides. Upon disposal of material, flush with a large volume of water to prevent azide accumulation.</p>

**Note** This product is for laboratory research use only and is not intended for diagnostic use.

## Validation Data



H5HA antibody (Clones 1E6, 2H1, 7G8 ) at 1:1000 + lysates from HEK-293T cell