

Mouse anti-Virus Hemagglutinin Monoclonal Antibody | anti-HA antibody

Hemagglutinin Monoclonal Antibody

CATALOG # AAA300846	HOST Mouse	REACTIVITY Virus	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

Hemagglutinin; Monoclonal Antibody; Hemagglutinin Monoclonal Antibody; H5 HA1 (4E11E1): Avian influenza hemagglutinin HA1; anti-HA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Virus
Clonality	Monoclonal
Clone Number	4E11E1
Purity/Purification	Immunoaffinity chromatography purified IgG
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	568
Applicable Applications for anti-HA antibody	WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein corresponding to amino acids 17 - 338 of H5 HA1.
Target Name	Hemagglutinin
Preparation and Storage	Can be stored at -20 degree C, stable for one year.

IMAGES



WB (Western Blot)

Western blot analysis of 25 ng of recombinant H5 HA1 with H5 HA1 antibody at 2.5 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-HA antibody	Influenza A virus is a major public health threat, killing more than 30,000 people per year in the USA. 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, but 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. HA interacts with host cell surface proteins containing oligosaccharides with terminal sialyl residues. Its extracellular region has two domains (HA1 and HA2); HA1 is cleaved from the main hemagglutinin protein by the host immune system. During 1997, an H5N1 avian influenza virus was determined to be the cause of death in 6 of 18 infected patients in Hong Kong. This more recent virulent strain of H5N1 is now seen in Africa and Europe, as well as in Southeast Asia. There is some evidence of human to human spread of this virus, but it is thought that the efficiency of this type of transmission is low. 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.
Product Categories/Family for anti-HA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	50365729
Molecular Weight	64,262 Da
NCBI Official Full Name	hemagglutinin
UniProt Protein Name	Hemagglutinin
UniProt Gene Name	HA
UniProt Entry Name	Q692M2_9INFA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hemagglutinin-antibody-clone-4e11e1-western-blot-elisa/300846>