# HUMAN BINDING MOLECULES CAPABLE OF NEUTRALIZING INFLUENZA VIRUS H5N1 AND USES THEREOF

## ABSTRACT

The present invention relates to binding molecules such as human monoclonal antibodies that bind to influenza virus H5N1 and have neutralizing activity against influenza virus H5N1. The disclosure provides nucleic acid molecules encoding the antibodies, their sequences and compositions comprising the antibodies and methods of identifying or producing the ant ibodies. The antibodies can be used in the diagnosis, prophylaxis and/or treatment of an influenza virus H5N1 infection. In a preferred embodiment, the antibodies provide cross- subt ype protection in vivo, such that infections with H5, H2, H6, H9 and H1-based influenza subtypes can be prevented and/or treated.

No Figure