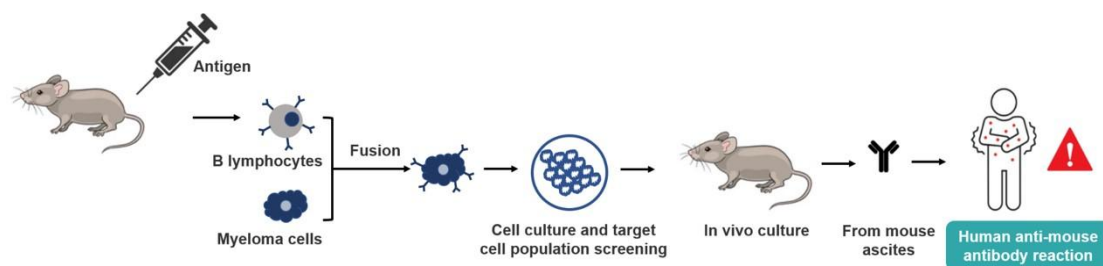


## Recombinant Antibodies Based on htDNA-chip®

The antibody refers to an immunoglobulin produced by the body under the stimulation of antigenic substances. It can combine with bacteria, viruses, mycins and other substances to play a role in preventing and treating diseases. Monoclonal antibody, as a kind of antibody, is the largest category of products in the biopharmaceutical industry. The specific synthesis method is shown below. The currently prepared antibodies are all of murine origin. In clinical applications, murine origin is a heterogeneous antigen for humans, and repeated injections will cause human anti-mouse antibody reactions. As a result, the effect of the antibody will be weakened, and hypersensitivity reactions will occur in severe cases. Therefore, genetically engineered antibodies can greatly reduce the immunogenicity of mouse antibodies.



The htDNA-chip® high-throughput platform has the following applications in [recombinant antibodies](#), including the construction of antibody libraries for antibody screening and the preparation of various customized antibodies.