

Antibody Gene Cloning from Hybridoma Cells

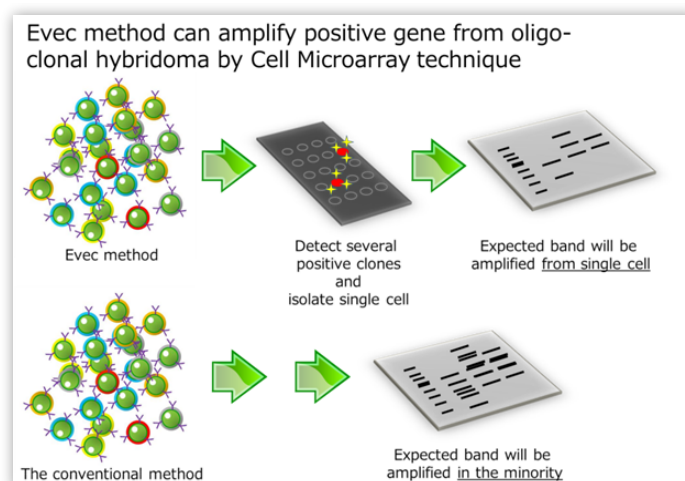
Antibody Chimerization and Humanization

We can clone your target antibody cDNA even from oligoclonal hybridoma cells

Antibody Gene Cloning from Hybridoma Cells

The variable region sequence information of a monoclonal antibody is not only necessary for the production of recombinant antibodies, but is also important for patent application and other purposes.

In Evec, following gene cloning of the target antibody from our customer's hybridoma cells, we perform antigen binding evaluation and determine the DNA sequence of the clones that show appropriate binding ability.



Construction of Chimeric and Humanized Antibodies

By using the antibody DNA from our customers or the antibody DNA that we clone from hybridoma cells, we construct chimeric antibodies by fusing the source antibody's variable region with the constant region from human or other species. We also offer an antibody humanization service by replacing the framework regions of the chimera antibody with human germline sequences following amino acid sequence analysis and determination of the Complementary Determining Region (CDR).

For more information, please contact:

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