



## Advantages of monoclonal antibodies development at Adar Biotech

Adar Biotech specializes in generation of monoclonal antibodies to **weak and difficult antigens**. Adar Biotech employs its novel products and protocols throughout the entire procedure. The numbers and properties of the resulting hybridoma clones are superior to those obtained by the traditional method.

**We design** immunogenic peptides with the aid of software added with our time-earned experience.

**We immunize** using novel adjuvant formulation- **AdaTR** and the optimized complementary protocol for maximizing response to weak and difficult antigens.

**We select** for hybridomas formation using our novel selection medium - the **AdaGT** that replaces common HAT selection medium. **AdaGT** does not contain aminopterin present in HAT medium. This results in minimizing toxicity to the sensitive emerging hybridomas colonies and improved hybridomas yields.

**We screen** earlier and faster for hybridomas with **AdaBX** screening technology. **AdaBX** technology enables earlier isolation and stabilization of promising hybridomas by cell cloning. Earlier cell cloning minimizes loss of positive hybridomas due to inherent genetic instability of these hybrid cells.