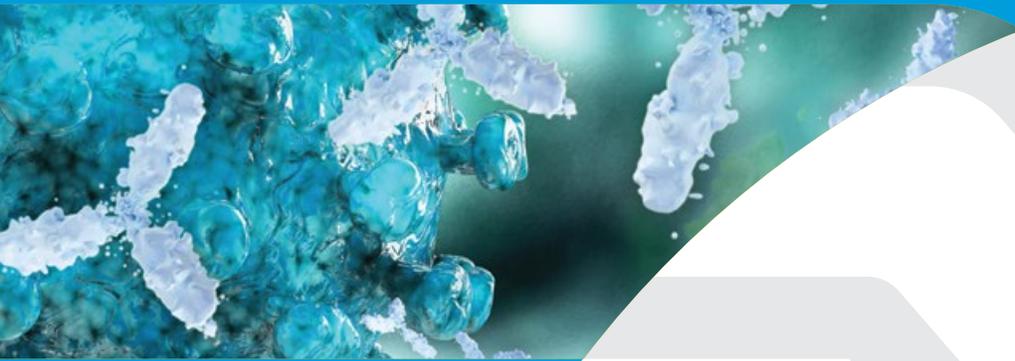


Antibody Discovery

SINGLE B-CELL AND HYBRIDOMA PLATFORMS



**Getting you
to the answer.
Faster.**

Aldevron's antibody discovery platform supports all project types including therapeutic, diagnostic and reagent applications.



Aldevron excels at rare antibody discovery

We have been providing transformative antibody development solutions for all target types for over 20 years. Our goal is to generate rare antibodies against all targets including multi-protein complexes, GPCRs and ion channels—faster. Aldevron provides custom protocols for each project and client interaction through each milestone.

Multiple Immunization Strategies

Aldevron can customize to your specific project needs using innovative immunization strategies and various species:

- DNA (from client or public sequence, or client cDNA)
- Protein, peptide, cells or VLP

Capabilities

Aldevron's exclusive technologies offer a uniquely broad scope of antibody generation services that will progress your research from concept to a specific monoclonal antibody with unprecedented experience, efficiency, and success.

Hybridoma

- Highly efficient fusion and electrofusion technologies
- Rapid and multiplexed screening of candidates
- Generation of functional and modulatory antibodies

Single B-Cell

- Discovery of rare antibodies within weeks of project initiation
- Nanofluidic screening of primary plasma B cells
- High throughput recovery of plasma cells for sequencing and cloning

Therapeutic Development

As a leader in the use of transgenic organisms for the generation of human monoclonal antibodies, we can support your antibody discovery. Combined with our ability to vigorously approach difficult structures such as multi-protein complexes, GPCRs and ion channels, you truly gain the Aldevron advantage.

We closely collaborate with renowned partners specializing in transgenic animal models, including:

- Ligand
- Trianni

Antibody Sequencing

Reliable antibody sequencing is critical to lead discovery and the development of therapeutic antibodies.

We provide:

- Variable region sequencing
- Variable plus leader region sequencing
- Full-length heavy and light chain sequencing





Custom antibodies from Aldevron have driven innovation and have been validated in numerous publications and patents by clients world-wide. Our GENOVAC™ Immunization Technology combined with our single B-cell and hybridoma discovery platforms are well suited for all project types and are always delivered on a fee-for-service basis with no downstream royalties.

The Aldevron Process

	Polyclonal	Monoclonal
Target Analysis and Strategy	✓	✓
Start from electronic cDNA sequence	✓	✓
Clone into specifically designed vectors	✓	✓
Immunization of rat, mouse, rabbit, chicken, alpaca or guinea pig	✓	✓
Immune response against native or modified antigen	✓	✓
Serum and supernatant test on multiple platforms	✓	✓
Certificate of analysis (CoA)	✓	✓
Cross-reactivity tests against related proteins and orthologs		✓
Transgenic animals for therapeutics through our partners		✓
Highly efficient fusion options		✓
Hybridoma selection to identify your best antibody		✓
Multiple subcloning options		✓
Single B-cell screening, selection, cloning and sequencing		✓

Contact us About Aldevron's Antibodies

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Additional facilities in Fargo, ND and Madison, WI
Visit: aldevron.com/contact



For the last 21 years, Aldevron has been a proud partner of research laboratories through the production of:

- Plasmid DNA at any scale, with fast turnaround times
- Proteins in bacterial, insect and mammalian expression systems
- mRNA to your specifications using a robust and scalable process
- Novel antibodies using our GENOVAC™ Immunization Technology

Aldevron supports research-use production through commercialization.