



## Immunotechnology Research Outsourcing Services

Our immunotechnology research outsourcing services offer advanced solutions for antibody development, immunoassay design, therapeutic validation, and diagnostic kit formulation for clinical and industrial applications.

### Our Immunotechnology Research Capabilities

Our scientists integrate molecular biology, cell culture, and protein engineering to deliver customized antibodies, high-performance immunoassays, and robust diagnostic tools.

### Types of Immunotechnology Research We Handle

- Hybridoma Development and Screening
- Monoclonal Antibody Production
- Polyclonal Antibody Generation
- Recombinant Antibody Engineering
- Single-Chain Variable Fragment (scFv) Design
- Humanized Antibody Production
- Nanobody Development
- Bispecific Antibody Engineering
- Antibody Affinity Maturation
- Antibody Fragmentation and Purification
- Epitope Mapping and Binning
- Antibody Labeling and Conjugation
- Antibody-Drug Conjugate (ADC) Development
- Immunoassay Development (ELISA, LFA)
- Diagnostic Kit Development
- Therapeutic Antibody Validation
- Neutralization Assay Design
- Flow Cytometry Assay Development
- Cell-Based Immunoassays
- Immunogenicity Assessment
- Antibody Stability Testing
- Antibody Cross-Reactivity Testing
- Antibody Titer Determination
- In Vitro Potency Assays

- Immunoprecipitation Studies
- Protein A/G Purification Workflows
- Regulatory-Compliant Immunotechnology Reports
- Publication-Ready Antibody Data
- Custom Immunotechnology Research Projects

## **Key Research Outsourcing Services Offered**

- Antigen Design and Synthesis
- Immunization and Serum Collection
- Hybridoma Fusion and Cloning
- Monoclonal Antibody Screening
- Recombinant Expression Systems
- Purification and QC Testing
- Epitope Mapping Services
- Labeling and Conjugation Protocols
- ADC Conjugation Workflows
- Immunoassay Protocol Development
- Diagnostic Kit Prototyping
- Therapeutic Potency Validation
- Neutralization Assay Execution
- Flow Cytometry Panel Design
- Immunogenicity Screening
- Stability and Shelf-Life Studies
- Cross-Reactivity Validation
- Data QC and Statistical Analysis
- Regulatory-Compliant Documentation
- Confidential Data Handling and NDA
- Regular Project Updates and Reviews
- Stakeholder Presentation Preparation
- Publication-Ready Figures and Reports
- Workshops and Training on Immunotechnology
- Post-Project Technical Support
- Patent and IP Filing Support
- Grant Proposal Assistance
- Long-Term Immunotechnology Partnerships
- Custom Protocol Optimization
- Data Archiving and Secure Backup

## **Why Choose Us for Immunotechnology Research Outsourcing?**

Our immunotechnology teams deliver high-affinity antibodies, validated immunoassays, and diagnostic tools with robust QC and regulatory-ready reports to accelerate your R&D pipeline.

## Industries & Sectors We Serve

- Biopharma and Biologics Firms
- Diagnostics Kit Manufacturers
- Academic Immunology Labs
- Therapeutic Antibody Developers
- Clinical Research Organizations
- Regulatory and Compliance Agencies

## Customized Immunotechnology Solutions

We customize antibody design, expression workflows, and assay development protocols to match your target specificity, application, and regulatory requirements.

## Quality Assurance & Regulatory Compliance

Our procedures follow ISO, GLP, and GCP standards, ensuring reproducible, audit-ready immunotechnology data for regulatory submissions and commercial scale-up.

## Case Studies & Client Success Stories

Discover how our immunotechnology services have enabled novel diagnostic kit launches, therapeutic antibody validations, and IP protection. References available upon request.

## How It Works: Our Research Outsourcing Process

1. **Requirement Gathering:** Define target antigen, desired antibody type, and assay endpoints.
2. **Proposal & Quotation:** Provide workflow, timeline, and cost breakdown.
3. **Lab Execution:** Perform antibody generation, screening, and assay development.
4. **Data Reporting:** Deliver validated antibodies, assay protocols, and compliance-ready reports.
5. **Post-Project Support:** Offer consulting, method transfer, and IP filing assistance.

## Frequently Asked Questions (FAQs)

**Q:** Can you develop therapeutic-grade monoclonal antibodies?

**A:** Yes — we handle mAb design, humanization, and validation workflows.

**Q:** Do you offer diagnostic kit prototyping?

**A:** Absolutely — we design, test, and optimize assay kits ready for market launch.

**Q:** How secure is project data and antibodies?

**A:** Strict NDAs, secure labs, and encrypted databases ensure full confidentiality.

## **Get Started / Request a Quote**

Contact us today to discuss your immunotechnology project and receive a tailored plan, cost estimate, and timeline aligned with your R&D objectives.

## **Contact Us**

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