



Applied Immunochemistry Research Outsourcing Services

Our applied immunochemistry outsourcing services enable you to develop high-specificity antibodies, optimize immunoassays, validate therapeutic antigens, and perform immunodiagnostic research with robust QC and data integrity.

Our Applied Immunochemistry Research Capabilities

Our labs integrate immunoassay platforms, hybridoma technology, ELISA systems, and protein purification setups to deliver consistent, validated immunochemistry solutions for academic and industrial clients.

Types of Applied Immunochemistry Research We Handle

- Monoclonal Antibody Development
- Polyclonal Antibody Production
- Hybridoma Cell Line Establishment
- Antibody Isotyping and Subclassing
- Antibody Affinity Measurement
- Antigen Purification and Characterization
- Epitope Mapping and Prediction
- ELISA Development and Validation
- Sandwich Immunoassay Design
- Competitive Immunoassay Development
- Multiplex Immunoassay Setup
- Western Blot Assay Optimization
- Immunoprecipitation and Pull-Down Assays
- Immunofluorescence Protocols
- Flow Cytometry Antibody Panel Design
- Immunohistochemistry (IHC) Standardization
- Vaccine Antigenicity Testing
- Serological Test Development
- Allergen-specific IgE Testing
- Therapeutic Antibody Validation
- Immune Biomarker Discovery
- Cytokine Quantification Assays
- Autoantibody Detection Panels

- Point-of-Care Immunoassay Research
- Quality Control of Antibody Batches
- Stability Testing of Immunoreagents
- Protein-Protein Interaction Immunoassays
- Antibody Labeling and Conjugation
- Custom Antigen Design for Immunization
- Antibody-Drug Conjugate (ADC) Analysis

Key Research Outsourcing Services Offered

- Antigen Design and Peptide Synthesis
- Immunization and Titer Monitoring
- Hybridoma Screening and Selection
- Cloning and Subcloning Hybridomas
- Large-Scale Antibody Production
- Protein A/G Purification of Antibodies
- Isotyping and Affinity Testing
- ELISA Kit Development and QC
- Validation of Diagnostic Assays
- Multiplex Assay Platform Setup
- Antibody Conjugation with Labels
- Immunoblotting and Signal Detection
- Immunohistochemistry Slide Preparation
- Fluorescence Labeling and Imaging
- Flow Cytometry Assay Development
- Serum Sample Analysis for Biomarkers
- Cytokine Profiling Panels
- Allergen IgE Screening Panels
- Vaccine Antigenicity and Potency Testing
- Therapeutic Antibody Stability Studies
- Custom Immunoassay Protocol Development
- Batch-to-Batch Consistency Validation
- Regulatory Compliance Documentation
- Confidential Data Handling and Storage
- Detailed Report Preparation and QC Sheets
- Progress Updates and Client Reviews
- Publication-Ready Data and Figures
- Post-Project Technical Support
- Secure Data Archival and Transfer
- NDA Assurance and IP Protection

Why Choose Us for Applied Immunochemistry Research

Outsourcing?

We provide customized immunochemistry solutions using validated protocols, advanced assay systems, and stringent QA/QC to deliver reproducible, high-quality data for diagnostics and therapeutics.

Industries & Sectors We Serve

- Biotechnology and Pharma Companies
- Diagnostics and Kit Manufacturers
- Clinical Research Organizations
- Academic Immunology Labs
- Veterinary Immunodiagnostics
- Regulatory and Compliance Agencies

Customized Applied Immunochemistry Solutions

We design bespoke immunoassays, antibody batches, and validation pipelines to match your unique target, matrix, and regulatory requirements, ensuring IP security and compliance.

Quality Assurance & Regulatory Compliance

Our immunochemistry services follow ISO, GLP, and in vitro diagnostics (IVD) guidelines with robust QA/QC and complete documentation for audits and product approvals.

Case Studies & Client Success Stories

Discover how our immunochemistry support has enabled rapid kit launches, novel antibody patents, and validated biomarker panels worldwide. Contact us for real project examples.

How It Works: Our Research Outsourcing Process

1. **Requirement Gathering:** Understand antibody or assay goals.
2. **Proposal & Quotation:** Share detailed plan, timeline, and cost structure.
3. **Lab Execution:** Perform immunizations, screenings, and assay development.
4. **Data Analysis & Reporting:** Deliver validated results and ready-to-use protocols.
5. **Post-Project Support:** Assist with follow-ups, tech transfer, and publications.

Frequently Asked Questions (FAQs)

Q: Do you provide custom antibody batches?

A: Yes, we produce small to bulk batches with complete QC and certification.

Q: Are assay kits validated?

A: All developed kits undergo multi-point validation and batch-to-batch consistency checks.

Q: How secure is project data?

A: We sign NDAs and manage all data on encrypted servers with strict access control.

Get Started / Request a Quote

Contact us today to discuss your applied immunochemistry requirements and get a custom plan and quotation tailored to your goals.

Contact Us

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