

DIAG NOS TICS

Diagnostics solutions from
concept to manufacturing

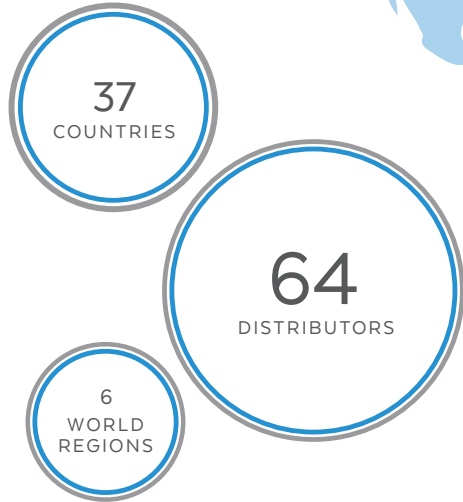
WHO WE ARE

Rockland Immunochemicals, Inc. has been a global leader in the development of products for biotechnical research since 1962, offering years of experience, thousands of products, and the highest quality of services.



DISTRIBUTION

In addition to the continental United States, Rockland directly distributes worldwide and through official distributors.



CUSTOM PROJECTS

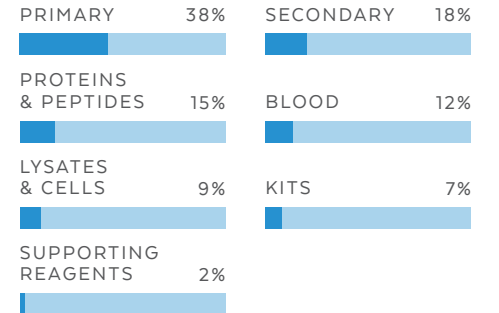
Rockland successfully completed custom projects and continues to maintain relationships with 8 of the top 10 diagnostic companies.

TOP DIAGNOSTIC COMPANIES



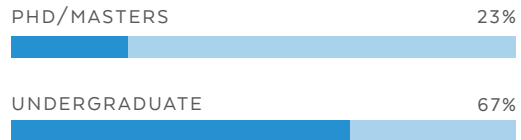
PRODUCTS

With over 13,000 products, Rockland offers a comprehensive selection of antibodies and related reagents.



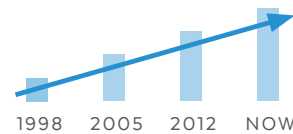
EDUCATION

Rockland's team is comprised of scientists and operatives that bring a high level of education to the diagnostic process.



GROWTH

Since the inception of custom project services, Rockland has maintained consecutive growth for over 20 years.



EXPERIENCE

Within 56 years of experience, Rockland has demonstrated expertise in providing custom solutions for over 20 years.



COMPLIANCE

Rockland commits to providing quality products and services by adhering to the highest standards and procedures.

- ✓ GMP COMPLIANT
- ✓ QSR 21 CFR820 COMPLIANT
- ✓ TRACES APPROVED
- ✓ USDA LICENSED



CONCEPT PHASE

At Rockland, we have decades of experience designing and developing antibodies and reagents to meet the custom specifications for medical device manufacturers. During the critical feasibility stage, we can customize studies to meet your requirements, while minimizing product risk and preventing unexpected failures during the validation phase.

All Rockland services are supported by our fully traceable manufacturing processes and our quality assurance systems to assist you as you determine your unique needs and conduct necessary research and feasibility activities.

SERVICES

- Biomarker discovery
- Monoclonal antibody development
- Antibody pairing studies
- Protein and antibody expression
- Ancillary reagent development
- Cell line development
- Assay development
- Prototype assays
- Bulk raw material supplier

MODIFIABLE
RAW
MATERIALS

DEVELOPMENT PHASE

For decades, our research and development scientific team has designed and developed antibodies and reagents for medical devices. As a result, we have expansive knowledge and experience in all phases of product development.

Our facility is fully equipped with modern laboratory spaces for work in immunology, immunochemistry, cell culture and manufacturing. With the help of our teams in manufacturing, quality control, and quality assurance, we can identify, develop or customize any of our products to meet your specific requirements in lot sizes that are optimized for manufacturing.

SERVICES

- Monoclonal antibody development
- Ancillary reagent development
- Cell line development
- Protein and antibody expression
- Assay development
- Cell banking

Primary antibodies
Secondary antibodies
Gamma globulins
Bovine serum albumin
Buffers
Magnetic beads
Substrates

VALIDATION PHASE

Rockland knows that no two clients are alike—each have their own unique needs. Our laboratory and analytical scientists are available to provide quality and convenience for your medical device needs. We use our professional knowledge and capabilities to support you through your testing. Let us help you develop, execute and report back your study results.

VERIFICATION & VALIDATION STUDIES

- Stability studies (raw materials and components)
- Linearity
- Dynamic range
- LOB/LOD/LOQ
- Precision and reproducibility
- Spike recovery
- Interfering substances
- Human factors testing

ANALYTICAL TESTS

- ELISA (direct or Sandwich)
- Purity by SDS-PAGE or western blot
- Isoelectric focusing
- Total protein (BCA)
- SEC profiling/aggregate analysis
- Endotoxin
- Mouse antibody production
- pH, appearance, conductivity and osmolarity

RAW MATERIAL MODIFICATIONS

- Conjugations
- Fragmentations
- Concentrations
- Special formulations
- Bulk sizes
- Timeline



MANUFACTURING PHASE

Our contract manufacturing services are here to provide quality and convenience for your medical device needs. We use our professional knowledge and capabilities to support you in the manufacturing of your medical devices. We are the trusted source for outsourcing of raw materials and components.

Our technical transfer experience from both in-house and external development teams help smooth the transition from development to manufacturing. Our materials also conform to high quality standards and our quality system is flexible to allow for our documentation processes to meet your organization's needs. Let us solve the problems that can be associated with scaling-up processes.

MANUFACTURING SERVICES

- Master and working cell bank preparation
- Cell line storage
- Antibody (cell culture or ascites)
- Control proteins
- Custom buffers and solutions
- Antibody and protein conjugation
- Custom formulation
- Lyophilization of components
- Product filling, capping and labeling
- Validation lot preparation

Rockland Immunochemicals, Inc. offers each academic, biopharma, and diagnostic professional thousands of antibodies with the aim of providing the perfect fit for every application. With facilities in Pennsylvania for over 55 years, Rockland manufactures products ideally suited for integration into critical assays such as western blotting, ELISA, immunohistochemistry, flow cytometry, immunofluorescence microscopy, and lateral flow.

Rockland is a pioneer and leading expert in antibodies. Diversity, specificity, stability, consistency, and reliability are the hallmarks of Rockland products. Rockland guarantees predictable, repeatable results and is one of the most referenced companies in the industry, continuing the collaboration necessary to develop products validated by the most demanding assays.

No matter the context—basic research to disease therapy, phosphorylated to methylated and beyond—Rockland embraces the challenge to design, produce, validate, and deliver the best antibodies and life science reagents available in the market today.



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