

Antibody Discovery Market Outlook 2025-2034: Market Share, and Growth Analysis By Methods (Phage Display, Hybridoma, Other Methods), By Antibody Type (Humanized Antibody, Human Antibody, Chimeric Antibody, Murine Antibody), By End Users

<https://marketpublishers.com/r/AF1AB8FCDB1EEN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: AF1AB8FCDB1EEN

Abstracts

The Antibody Discovery Market is valued at USD 12.1 billion in 2025 and is projected to grow at a CAGR of 10% to reach USD 28.4 billion by 2034. The Antibody Discovery Market focuses on the technologies and services used to identify and develop therapeutic antibodies. These antibodies are designed to target specific antigens, such as those found on cancer cells or infectious pathogens, and are used to treat a wide range of diseases. The market is driven by the increasing demand for antibody-based therapies, which offer high specificity and efficacy. The market encompasses various technologies, including phage display, hybridoma technology, and next-generation sequencing, as well as services such as antibody engineering and optimization.

The market is segmented based on technology, application, and end user. The major applications of antibody discovery include oncology, immunology, and infectious diseases. The market caters to a diverse range of customers, including pharmaceutical and biotechnology companies, as well as academic and research institutions. The market is characterized by rapid technological advancements and intense competition among service providers. The market is also witnessing a growing trend towards the use of artificial intelligence and machine learning in antibody discovery.

The Antibody Discovery Market is subject to evolving regulatory guidelines and intellectual property considerations. The market is also influenced by the increasing complexity of target antigens and the need for highly specific and potent antibodies. The market is expected to continue its growth trajectory, driven by the increasing demand for

antibody-based therapies and the development of innovative discovery technologies.

Key Insights Antibody Discovery Market

Increasing adoption of artificial intelligence and machine learning in antibody discovery.

Growing demand for humanized and fully human antibodies.

Rising interest in bispecific and multispecific antibodies.

Increasing use of single-cell sequencing and other advanced technologies.

Growing focus on developing antibodies for difficult-to-target antigens.

Increasing demand for antibody-based therapies for cancer, autoimmune diseases, and infectious diseases.

Technological advancements in antibody discovery and engineering.

Growing investment in research and development by pharmaceutical and biotechnology companies.

Rising prevalence of chronic diseases and unmet medical needs.

Increasing availability of funding and partnerships for antibody discovery projects.

High cost of antibody discovery and development.

Complexity of target antigens and the need for highly specific antibodies.

Challenges in scaling up antibody production.

Evolving regulatory requirements and intellectual property considerations.

Competition from alternative therapeutic modalities, such as cell and gene therapies.

Antibody Discovery Market Segmentation

By Methods

Phage Display

Hybridoma

Other Methods

By Antibody Type

Humanized Antibody

Human Antibody

Chimeric Antibody

Murine Antibody

By End Users

Pharmaceutical And Biotechnology Industry

Research Laboratory

Academic Laboratory

Key Companies Analysed

Danaher Corporation

Eurofins Scientific

Sartorius AG

Charles River Laboratories

Bruker Corporation

WuXi Biologics

Genmab A/S

Evotec

Cambrex corporation

ChemPartner

Aragen life science pvt ltd

Genscript Technology Corporation

Biocytogen

Alcami corporation.Inc

Twist Bioscience

BioDuro-Sundia

Fairjourney Biologics S.A

Harbour BioMed

Rockland Immunochemicals

Creative Biolabs

Synbio technologies

ImmunoPrecise

Ablexis

Myrio Therapeutics

Antibody Solutions

MabSilico

Antibody Discovery Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Antibody Discovery Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Antibody Discovery market data and outlook to 2034

United States

Canada

Mexico

Europe — Antibody Discovery market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Antibody Discovery market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Antibody Discovery market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Antibody Discovery market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Antibody Discovery value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Antibody Discovery industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth

potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Antibody Discovery Market Report

Global Antibody Discovery market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Antibody Discovery trade, costs, and supply chains

Antibody Discovery market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Antibody Discovery market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Antibody Discovery market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Antibody Discovery supply chain analysis

Antibody Discovery trade analysis, Antibody Discovery market price analysis,

and Antibody Discovery supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Antibody Discovery market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

Contents

1. TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2. GLOBAL ANTIBODY DISCOVERY MARKET SUMMARY, 2025

- 2.1 Antibody Discovery Industry Overview
 - 2.1.1 Global Antibody Discovery Market Revenues (In US\$ billion)
- 2.2 Antibody Discovery Market Scope
- 2.3 Research Methodology

3. ANTIBODY DISCOVERY MARKET INSIGHTS, 2024-2034

- 3.1 Antibody Discovery Market Drivers
- 3.2 Antibody Discovery Market Restraints
- 3.3 Antibody Discovery Market Opportunities
- 3.4 Antibody Discovery Market Challenges
- 3.5 Tariff Impact on Global Antibody Discovery Supply Chain Patterns

4. ANTIBODY DISCOVERY MARKET ANALYTICS

- 4.1 Antibody Discovery Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Antibody Discovery Market Size and Share, Dominant Applications, 2025 Vs 2034
- 4.3 Antibody Discovery Market Size and Share, Leading End Uses, 2025 Vs 2034
- 4.4 Antibody Discovery Market Size and Share, High Growth Countries, 2025 Vs 2034
- 4.5 Five Forces Analysis for Global Antibody Discovery Market
 - 4.5.1 Antibody Discovery Industry Attractiveness Index, 2025
 - 4.5.2 Antibody Discovery Supplier Intelligence
 - 4.5.3 Antibody Discovery Buyer Intelligence
 - 4.5.4 Antibody Discovery Competition Intelligence
 - 4.5.5 Antibody Discovery Product Alternatives and Substitutes Intelligence
 - 4.5.6 Antibody Discovery Market Entry Intelligence

5. GLOBAL ANTIBODY DISCOVERY MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034

5.1 World Antibody Discovery Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)

5.1 Global Antibody Discovery Sales Outlook and CAGR Growth By Methods, 2024-2034 (\$ billion)

5.2 Global Antibody Discovery Sales Outlook and CAGR Growth By Antibody Type, 2024- 2034 (\$ billion)

5.3 Global Antibody Discovery Sales Outlook and CAGR Growth By End Users, 2024-2034 (\$ billion)

5.4 Global Antibody Discovery Market Sales Outlook and Growth by Region, 2024-2034 (\$ billion)

6. ASIA PACIFIC ANTIBODY DISCOVERY INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK

6.1 Asia Pacific Antibody Discovery Market Insights, 2025

6.2 Asia Pacific Antibody Discovery Market Revenue Forecast By Methods, 2024- 2034 (USD billion)

6.3 Asia Pacific Antibody Discovery Market Revenue Forecast By Antibody Type, 2024-2034 (USD billion)

6.4 Asia Pacific Antibody Discovery Market Revenue Forecast By End Users, 2024-2034 (USD billion)

6.5 Asia Pacific Antibody Discovery Market Revenue Forecast by Country, 2024- 2034 (USD billion)

6.5.1 China Antibody Discovery Market Size, Opportunities, Growth 2024- 2034

6.5.2 India Antibody Discovery Market Size, Opportunities, Growth 2024- 2034

6.5.3 Japan Antibody Discovery Market Size, Opportunities, Growth 2024- 2034

6.5.4 Australia Antibody Discovery Market Size, Opportunities, Growth 2024- 2034

7. EUROPE ANTIBODY DISCOVERY MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034

7.1 Europe Antibody Discovery Market Key Findings, 2025

7.2 Europe Antibody Discovery Market Size and Percentage Breakdown By Methods, 2024- 2034 (USD billion)

7.3 Europe Antibody Discovery Market Size and Percentage Breakdown By Antibody Type, 2024- 2034 (USD billion)

7.4 Europe Antibody Discovery Market Size and Percentage Breakdown By End Users, 2024- 2034 (USD billion)

7.5 Europe Antibody Discovery Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)

7.5.1 Germany Antibody Discovery Market Size, Trends, Growth Outlook to 2034

7.5.2 United Kingdom Antibody Discovery Market Size, Trends, Growth Outlook to 2034

7.5.2 France Antibody Discovery Market Size, Trends, Growth Outlook to 2034

7.5.2 Italy Antibody Discovery Market Size, Trends, Growth Outlook to 2034

7.5.2 Spain Antibody Discovery Market Size, Trends, Growth Outlook to 2034

8. NORTH AMERICA ANTIBODY DISCOVERY MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034

8.1 North America Snapshot, 2025

8.2 North America Antibody Discovery Market Analysis and Outlook By Methods, 2024- 2034 (\$ billion)

8.3 North America Antibody Discovery Market Analysis and Outlook By Antibody Type, 2024- 2034 (\$ billion)

8.4 North America Antibody Discovery Market Analysis and Outlook By End Users, 2024- 2034 (\$ billion)

8.5 North America Antibody Discovery Market Analysis and Outlook by Country, 2024- 2034 (\$ billion)

8.5.1 United States Antibody Discovery Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Canada Antibody Discovery Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Mexico Antibody Discovery Market Size, Share, Growth Trends and Forecast, 2024- 2034

9. SOUTH AND CENTRAL AMERICA ANTIBODY DISCOVERY MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS

9.1 Latin America Antibody Discovery Market Data, 2025

9.2 Latin America Antibody Discovery Market Future By Methods, 2024- 2034 (\$ billion)

9.3 Latin America Antibody Discovery Market Future By Antibody Type, 2024- 2034 (\$ billion)

9.4 Latin America Antibody Discovery Market Future By End Users, 2024- 2034 (\$ billion)

9.5 Latin America Antibody Discovery Market Future by Country, 2024- 2034 (\$ billion)

9.5.1 Brazil Antibody Discovery Market Size, Share and Opportunities to 2034

9.5.2 Argentina Antibody Discovery Market Size, Share and Opportunities to 2034

10. MIDDLE EAST AFRICA ANTIBODY DISCOVERY MARKET OUTLOOK AND GROWTH PROSPECTS

10.1 Middle East Africa Overview, 2025

10.2 Middle East Africa Antibody Discovery Market Statistics By Methods, 2024- 2034 (USD billion)

10.3 Middle East Africa Antibody Discovery Market Statistics By Antibody Type, 2024- 2034 (USD billion)

10.4 Middle East Africa Antibody Discovery Market Statistics By End Users, 2024- 2034 (USD billion)

10.5 Middle East Africa Antibody Discovery Market Statistics by Country, 2024- 2034 (USD billion)

10.5.1 Middle East Antibody Discovery Market Value, Trends, Growth Forecasts to 2034

10.5.2 Africa Antibody Discovery Market Value, Trends, Growth Forecasts to 2034

11. ANTIBODY DISCOVERY MARKET STRUCTURE AND COMPETITIVE LANDSCAPE

11.1 Key Companies in Antibody Discovery Industry

11.2 Antibody Discovery Business Overview

11.3 Antibody Discovery Product Portfolio Analysis

11.4 Financial Analysis

11.5 SWOT Analysis

12 APPENDIX

12.1 Global Antibody Discovery Market Volume (Tons)

12.1 Global Antibody Discovery Trade and Price Analysis

12.2 Antibody Discovery Parent Market and Other Relevant Analysis

12.3 Publisher Expertise

12.2 Antibody Discovery Industry Report Sources and Methodology

I would like to order

Product name: Antibody Discovery Market Outlook 2025-2034: Market Share, and Growth Analysis By Methods (Phage Display, Hybridoma, Other Methods), By Antibody Type (Humanized Antibody, Human Antibody, Chimeric Antibody, Murine Antibody), By End Users

Product link: <https://marketpublishers.com/r/AF1AB8FCDB1EEN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AF1AB8FCDB1EEN.html>