

# **Global Research Antibodies & Reagents Market Size study, By Product (Reagent, Antibodies), By Technology (Western Blotting, Flow Cytometry, Enzyme-linked immunosorbent assay (ELISA), Immunohistochemistry, Immunofluorescence, Immunoprecipitation, Other Technologies), By Application (Proteomics, Drug Development, Genomics), By End User (Pharmaceutical & Biotechnologies Industries, Academic & Research Institutions, Contract Research Organizations), and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Research Antibodies & Reagents Market is valued approximately USD 10.78 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 6.7% over the forecast period 2022-2028.

Research antibodies and reagents are majorly adopted for the discovery of an unconjugated antibody that is utilized for targeted antigen. Research-grade antibodies are chiefly used as important detection tools by bio-scientists. These products help in finding, evaluating, and purifying biomolecules or proteins in several applications such as immunohistochemistry or western blotting, flow cytometry, ELISA, and many others. The rising demand for protein therapeutics and personalized medicine, increasing industry-academia collaboration, and surging demand for high-quality antibodies for research reproducibility are the primary factors that may stimulate the market demand across the globe. For instance, in 2020, Thermo Fisher Scientific partnered with Mayo

Clinic and Wuxi for securing FDA authorization to test the COVID-19 with ELISA for detecting both IgG and IgM antibodies. Similarly, in 2020, Merck involved into a partnership agreement with Elypta to provide contract manufacturing services for Elypta's clinical diagnostic liquid biopsy kits. Furthermore, growth in stem cell proteomics, neurobiology, and genomics research, coupled with the availability of funds for R&D activities are the further factors that may accelerate the market growth in the approaching years. However, quality concerns and a lack of reproducible results impede the growth of the market over the forecast period of 2022-2028. Also, increasing focus on biomarker discovery and rising interest in outsourcing is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Research Antibodies & Reagents market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the rising emphasis on research projects that comprise genes, proteins, and related biomolecules, tied with the presence of the leading market players. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as increasing investments for the development of structure-based drug designs, as well as growing R&D activities in the proteomics and genomics sector, would create lucrative growth prospects for the Research Antibodies & Reagents market across the Asia-Pacific region.

Major market players included in this report are:

Thermo Fisher Scientific

Merck Group

Abcam plc

Becton, Dickinson and Company

Bio-Rad Laboratories

Cell Signaling Technology

Danaher Corporation

PerkinElmer

Analytik Jena AG

Dovetail Genomics

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report

shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Reagent

Antibodies

By Technology:

Western Blotting

Flow Cytometry

Enzyme-linked immunosorbent assay (ELISA)

Immunohistochemistry

Immunofluorescence

Immunoprecipitation

Other Technologies

By Application:

Proteomics

Drug Development

Genomics

By End User:

Pharmaceutical & Biotechnologies Industries

Academic & Research Institutions

Contract Research Organizations

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020  
Base year – 2021  
Forecast period – 2022 to 2028

Target Audience of the Global Research Antibodies & Reagents Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

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