

# Research Antibodies & Reagents Market by Product (Antibodies (Type, Form, Source, Research Area), Reagents), Technology (Western blot, Flow Cytometry, ELISA), Application (Proteomics, Genomics), End User (Pharma, Biotech, CROs) - Global forecast to 2027

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# Report description:

The research antibodies and reagents market is projected to reach USD 16.1 billion by 2027 from USD 11.6 billion in 2022, at a CAGR of 6.7% during the forecast period. The research antibodies and reagents market evolved owing to factors such as increasing proteomics and genomics research, growing demand for antibodies for research reproducibility, and increasing R&D expenditure in the life sciences industry. Driven by the increasing demand for personalized medicine and structure-based drug design. It is expected that the global research antibodies and reagentsmarket will witness significant growth in the coming years.

On the basis ofproduct, the reagentssegment holds the highest market share during the forecast period.

On the basis of product, the research antibodies and reagents market are segmented into reagent and antibodies. In 2021the reagent segment accounted for the larger market share. Factors such as increasing applications of biosciences and biotechnology within the healthcare and pharmaceutical fields is driving the market.

On the basis oftechnology, theflow cytometrysegmentis expected to register the highest CAGR during the forecast period. On the basis of technology, the research antibodies and reagents market is segmented into western blotting, flow cytometry, ELISA, Immunohistochemistry, Immunofluorescence, Immunoprecipitation, and other technologies. During the forecast period the flow cytometry segment is expected to witness the highest growth. Factors such as advantages of this technique, its ability to perform simultaneous multi-parameter analysis on single cells within a heterogeneous mixture, offering high throughput along with technological innovations in flow cytometry and increasingoncology research, are driving the growth of this segment.

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On the basis of application, the proteomic sholds the highest market share during the forecast period.

On the basis of application, the research antibodies and reagents market is segmented into proteomics, drug development and Genomics. In 2021, Proteomics held the largest share of the global research antibodies and reagents market. Factors such as increasing efficiency maps drug-protein and protein-protein interactions. Additionally, proteomic technologies have minimized the cost, time, and resource requirements for chemical synthesis and biological testing of drugs and are highly efficient. Such factors are driving the market.

On the basis of enduser, the pharmaceutical & biotechnology holds the highest market share during the forecast period. The research antibodies and reagents market is divided into the pharmaceutical & biotechnology companies, academic & research institutions and Contract Research Organizations. In 2021the pharmaceutical & biotechnology companies held the largest share of the global research antibodies and reagents end-user market. Factors such as growing use of research antibodies in drug development for the identification and quantification of biomarkers and other techniques are driving the market.

By Region, The Asia Pacific region is expected to register the highest CAGR during the forecast period.

During the forecast period (2022 to 2027), the Asia Pacific research antibodies and reagents market is expected to grow at the highest CAGR. Factors such as increasing research in proteomics and genomics and growing research funding, investments by pharmaceutical and biotechnology companies, and growing awareness in the region are driving the market in the region.

Break of primary participants was as mentioned below:

- -□By Company Type Tier 1-35%, Tier 2-45% and Tier 3-20%
- By Designation C-level-35%, Director-level-25%, Others-40%
- By Region North America-45%, Europe-30%, AsiaPacific-20%, Latin America-3%, Middle East and Africa-2%

Key players in the research antibodies and reagentsmarket

The key players operating in the research antibodies and reagents systems includeThermo Fisher Scientific, Inc. US), Merck KGaA (Germany), Abcam plc. (UK), Becton, Dickinson and Company (US), Bio-Rad Laboratories (US), Cell Signaling Technology (US), F. Hoffmann-La Roche (Switzerland), Danaher Corporation (US), Agilent Technologies (US), PerkinElmer (US), Lonza (Switzerland), GenScript (China), and BioLegend (US).

### Research Coverage:

The report analyzes the research antibodies and reagent marketand aims at estimating the market size and future growth potential of this market based on various segments such as product, distribution channel, andregion. The report also includes aproduct portfolio matrix of various research antibodies and reagents products available in the market. The report also provides a competitive analysis of the key players in this market, along with their company profiles, product offerings, and key market strategies.

Reasons to Buy the Report

The report will enrich established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn would helpthem, garner a more significant share of the market. Firms purchasing the report could use one or any combination of the below-mentioned strategies tostrengthen their position in the market.

This report provides insights into the following pointers:

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- Market Penetration: Comprehensive information on product portfolios offered by the top players in the global research antibodies and reagentmarket. The report analyzes this marketby product and distribution channel.
- Product Enhancement/Innovation: Detailed insights on upcoming trends and productlaunches in the global research antibodies and reagentmarket.
- Market Development: Comprehensive information on the lucrative emerging markets by product and distribution channel
- Market Diversification: Exhaustive information about new products or product enhancements, growing geographies, recent developments, and investments in the global research antibodies and reagent market.
- Competitive Assessment: In-depth assessment of market shares, growth strategies, product offerings, competitive leadership mapping, and capabilities of leading players in the global research antibodies and reagent market.

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