

# Research Antibodies and Reagents Market by Product, Technology, Application End User - Global Forecast to 2025

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# Abstracts

Research Antibodies and Reagents Market by Product (Reagent [Sample Preparation (Media, Probe, Buffer), Antibody Production Reagent], Antibody [Type, Source, Research Area]), Technology (Western Blot, ELISA), Application, End User -Global Forecast to 2025

The global research antibodies and reagents market is expected to grow at a CAGR of 6% from 2019 to 2025 to reach \$14.56 billion by 2025.

The factors such as rising proteomics & genomic research studies, increase in the funding for research activities, and growing industry-academia collaborations - are driving the growth of the global research antibodies and reagents market. Moreover, increasing demand for protein therapeutics and personalized medicine, rising investment and focus on stem cell research, and growing need for new biomarker identification are also supporting the market growth. The increasing focus on research and development initiatives in the Asia-Pacific and Latin America region is expected to provide strong revenue growth opportunities for players operating in this market.

The reagents segment is estimated to command the largest share of the global research antibodies and reagents market in 2019 and expected to continue its dominance during the forecast period mainly due to increasing use of reagents and kits in research assays and techniques.

The research antibodies and reagents market for pharmaceutical and biotechnology industry (end user segment) segment is estimated to command the largest share of the global market in 2019. This is attributed to rising adoption of research antibodies &



reagents in the proteomics research and drug discovery programs with the growing focus of industry vendors on development of innovative therapeutic drugs for chronic diseases.

An in-depth analysis of the geographical scenario of the research antibodies & reagents market provides detailed qualitative and quantitative insights about the five major geographies (North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa) along with the coverage of major countries in each region. North America dominated the global research antibodies and reagents market in 2019, followed by Europe, and Asia-Pacific region. The large share of this region is mainly attributed to the availability of new technologies in the region, increasing research activities to assist development of personalized medicine, and direct presence of the key players in this region.

The key players operating in the global research antibodies and reagents market are Abcam plc (U.K.), Merck KGaA (Germany), Cell Signaling Technology, Inc. (U.S.), GE Healthcare (U.S.), Thermo Fisher Scientific Inc. (U.S.), F. Hoffmann La-Roche Ltd (Switzerland), Rockland Immunochemicals Inc. (U.S.), Johnson & Johnson (U.S.), Agilent Technologies, Inc. (U.S.), Eli Lily and Company (U.S.), Becton Dickinson and Company (U.S.), Danaher Corporation (U.S.), PerkinElmer, Inc. (U.S.), GenScript Biotech Corporation (U.S.), Lonza (Switzerland), Bio-Techne Corporation (U.S.), Bio-Rad Laboratories, Inc. (U.S.), Teva Pharmaceutical Industries Limited (Israel), Santa Cruz Biotechnology, Inc. (U.S.), and BioLegend, Inc. (U.S.) among others.

#### Scope of the Report:

Research Antibodies and Reagents Market, by Product

Reagents

Sample Preparation Reagents

Media & Serum

Stains & Dyes

Probes

**Buffers** 

Research Antibodies and Reagents Market by Product, Technology, Application End User - Global Forecast to 2025



Solvents

Antibody Production Reagents

Enzymes

Proteins

Other Research Reagents Note: Other research reagents include fixatives, preservatives, gels, and reagent preloaded membranes

Antibodies

Antibodies Market, by Type

**Primary Antibody** 

Secondary Antibody

Antibodies Market, by Production Type

Monoclonal Antibody

**Polyclonal Antibody** 

Antibody Fragments

Antibodies Market, by Source

Mouse

Rabbit

Other Sources Note: Other sources include as goat, sheep, chicken, and human Antibodies Market, by Research Area

Oncology



**Infectious Diseases** 

Cardiovascular Disease

Immunology

Neurology

Stem Cell Research

Other Research Areas Note: Other research areas include as ophthalmology and rare diseases

Research Antibodies and Reagents Market, by Technology

Western Blot

Immunofluorescence

Immunohistochemistry

Flow Cytometry

Enzyme-linked Immunosorbent Assay (ELISA)

Multiplex Immunosorbent Assay

Immunoprecipitation

Other Technologies Note: Other technologies include electrophoretic mobility shift assay (EMSA) and enzyme linked immunospot

Research Antibodies and Reagents Market, by Application

Proteomics



Drug discovery & Development

Genomics

Research Antibodies and Reagents Market, by End User

Pharmaceutical & Biotechnology Industry

Academic & Research Institutes

Contract Research Organizations (CROs)

Research Antibodies and Reagents Market, by Geography

North America

U.S.

Canada

Europe

Germany

France

U.K.

Spain

Italy

Rest of Europe (RoE)

Asia-Pacific (APAC)

China



India

Japan

Rest of APAC (RoAPAC)

Latin America

Middle East & Africa



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