

Chimeric Antibody Market Trends 2025-2029: Regional Outlook and Sizing Analysis

*The Business Research Company's
Chimeric Antibody Global Market Report
2025 – Market Size, Trends, And Global
Forecast 2025-2034*

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/EINPresswire.com/ -- [Chimeric
Antibody Market](#) Growth Forecast:

What To Expect By 2025?

Recently, the size of the chimeric antibody market has seen swift expansion. It is projected to increase from \$12.27 billion in 2024 to \$13.74 billion in 2025, eliciting a compound annual growth rate (CAGR) of 12.0%. Such expansion during the historic period can be linked to a rise in cancer cases, an augmented demand for immunotherapy, escalating investment in biologics, increased usage of monoclonal antibodies, and a growing frequency of autoimmune diseases.



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In the coming years, the [chimeric antibody market size](#) is predicted to witness accelerated growth, expanding to \$21.31 billion in 2029 with a compound annual growth rate (CAGR) of 11.6%. Factors contributing to the growth during this forecast period include an augmented focus on targeted treatments, an upswing in clinical trial activities,

growing usage in diagnostics, an expanding biopharmaceuticals pipeline, and increased expenditure on healthcare by governments. Key trends during the projected period consist of the assimilation of ecosystems and technologies, incorporation of precision medicine and genomic, advancements in technological production and engineering, the emergence of biosimilars and next-generation antibodies, along with innovations in manufacturing platforms.

Download a free sample of the chimeric antibody market report:

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What Are Key Factors Driving The Demand In The Global Chimeric Antibody Market?

The chimeric antibody market's expansion is anticipated to be driven by the growing occurrence of cancer. The term 'prevalence of cancer' refers to the cumulative count of people with a prior diagnosis of cancer who are still alive at a certain moment in time. Lifestyle-related risk factors such as unhealthy eating habits, smoking, alcohol use, and exposure to environmental toxins are contributing to the rise in cancer prevalence, thereby increasing the risk of multiple types of cancers. Chimeric antibodies make cancer therapies more effective by providing targeted treatments, which are particularly potent against specific cancer cells. They also lessen adverse reactions by aggressively targeting cancerous cells, which enhances patient results and treatment effectiveness. As an example, the Australian Institute of Health and Welfare, a government agency in Australia, recorded an increase of 3,789 cases from 156,781 in 2021 to 160,570 diagnosed cancer cases in Australia in 2022, as declared in July 2024. As a result, the chimeric antibody market is being propelled by the escalating occurrence of cancer.

Who Are The Leading Players In The Chimeric Antibody Market?

Major players in the Chimeric Antibody Global Market Report 2025 include:

- Pfizer Inc.
- Johnson & Johnson
- F. Hoffmann-La Roche Ltd.
- AbbVie Inc.
- Sanofi S.A.
- Bristol-Myers Squibb Company
- AstraZeneca PLC
- Abbott Laboratories
- Novartis AG
- Amgen Inc.

What Are The Major Trends That Will Shape The Chimeric Antibody Market In The Future?

Leading corporations in the chimeric antibody market are prioritizing the development of innovative therapies like monoclonal antibodies. The goal is to enhance therapeutic outcomes, increase patient survival rates, and address serious health concerns. Monoclonal antibodies are proteins engineered in a lab, designed to replicate the immune system's capacity to counter harmful pathogens, including viruses and inflammation-inducing agents. For example, in June 2023, InflaRx N.V., a biopharmaceutical firm in Germany, introduced Gohibic (vilobelimab) to the market. Gohibic is a chimeric monoclonal antibody that inhibits C5a in the complement system, halting C5a-driven immune responses to curb extreme inflammation. Gohibic is utilized to treat COVID-19 in hospitalized adults, given within 48 hours of starting invasive mechanical ventilation (IMV) or extracorporeal membrane oxygenation (ECMO). This innovative therapy depicts a considerable progression in tackling severe infections by curbing hyperinflammation, thus providing a novel treatment alternative for high-risk patients.

Analysis Of Major Segments Driving The Chimeric Antibody Market Growth

The chimeric antibody market covered in this report is segmented

- 1) By Type Of Antibody: Immunoglobulin G Chimeric Antibodies, Fragment Antigen-Binding Chimeric Antibodies, Single-Chain Variable Fragment Chimeric Antibodies
- 2) By Manufacturing Process: Recombinant Deoxyribonucleic Acid (DNA) Technology, Hybridoma Technology, Phage Display Technology, Transgenic Technology
- 3) By Mode Of Administration: Intravenous (IV) Administration, Subcutaneous Administration, Intramuscular Administration
- 4) By Application: Cancer Therapy, Autoimmune Diseases, Infectious Diseases, Transplant Rejection
- 5) By End User: Pharmaceutical Companies, Research Institutes, Clinics And Hospitals, Diagnostic Laboratories

Subsegments:

- 1) By Immunoglobulin G Chimeric Antibodies: Full Length Immunoglobulin G (IgG), Engineered Immunoglobulin G 1 (IgG1), Engineered Immunoglobulin G4 (IgG4), Humanized Immunoglobulin G (IgG)
- 2) By Fragment Antigen-Binding Chimeric Antibodies, By Type: Bivalent Fragment Antigen-Binding (Fab) Fragments, Monovalent Fragment Antigen-Binding (Fab) Fragments, Conjugated Fragment Antigen-Binding (Fab) Fragments, Pegylated Fragment Antigen-Binding (Fab) Fragments
- 3) By Single-Chain Variable Fragment Chimeric Antibodies: Standard Single-Chain Fragment Variable, Tandem Single-Chain Fragment Variable, Bispecific Single-Chain Fragment Variable, Multivalent Single-Chain Fragment Variable

View the full chimeric antibody market report:

<https://www.thebusinessresearchcompany.com/report/chimeric-antibody-global-market-report>

Which Region Is Expected To Lead The Chimeric Antibody Market By 2025?

In the Chimeric Antibody Global Market Report 2025, North America stood as the dominant region for the year 2024. The forecast period, however, predicts Asia-Pacific to experience the most rapid growth. The report provides coverage for a range of other regions including Western Europe, Eastern Europe, South America, Middle East, and Africa.

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