

# **Global Antibody Fragments Market Size study & Forecast, by Product (FAB, scFv, sdAb, Others), by Application (Cancer, Immunodeficiency, Others) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Antibody Fragments Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Antibody fragments are the smallest part of an antibody that is obtained after the papain or pepsin digestion of full-length antibodies. Antibodies work by targeting specific antigens, cells, or molecules in order to perform various functions such as improving immune response against malignancies or infections and serving as “traffic signals” for white blood cells. Factors such as the increase in chronic conditions such as cancer, immunodeficiency, and others, increasing expenditure on healthcare activities, coupled with the introduction of advanced recombinant DNA technology for diagnosis and therapeutics are the primary factors that are propelling the market demand worldwide.

According to National Cancer Institute, in 2018, the number of cancer patients is recorded with 18.1 million cases, which is anticipated to increase to 29.5 million cases by the year 2040. Thereby, the increasing incidences of cancer and other chronic conditions are propelling the demand for Antibody Fragments, which is augmenting the market growth in the near future. In addition, growing investment in R&D activities and the rising number of clinical developments for antibody fragments and related products for serious diseases are the factors that are providing lucrative opportunities for global market growth. However, obstacles associated with the purification of antibody fragments and the imposition of stringent regulatory norms for the approval of antibody fragments hamper market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Antibody Fragments Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the space in terms of revenue, owing to the growth of regional pharmaceutical industries, availability of R&D funding, and increasing market players across the world. Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as increasing focus on the biologics manufacturing sector, rising immunodeficiency diseases and cancer, along with the escalating population.

Major market players included in this report are:

Pfizer Inc.

AlbynX

Novartis AG

Genentech, Inc.

AbbVie Inc.

Bristol-Myers Squibb Company

Johnson & Johnson Private Limited

Lilly

Takeda Pharmaceutical Company Limited

Sanofi

Recent Developments in the Market:

In March 2021, Amgen Inc. declared the acquisition of Rodeo Therapeutics- a biopharmaceutical company, for USD 720 million. The aim of this acquisition is to develop small-molecule therapies for regeneration and repair of multiple tissues.

In March 2021, Amgen Inc. unveils the acquisition of Five Prime Therapeutics, and its lead candidate, bemarituzumab, for gastric cancer, with around USD 1.9 billion. The objective of this acquisition is to enhance the scope of targeted cancer therapies and immuno-oncology.

Global Antibody Fragments Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Product, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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:

FAB

scFv

sdAb

Others

By Application:

Cancer

Immunodeficiency

Others

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

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
  - 1.2.1. Antibody Fragments Market, by Region, 2019-2029 (USD Billion)
  - 1.2.2. Antibody Fragments Market, by Product, 2019-2029 (USD Billion)
  - 1.2.3. Antibody Fragments Market, by Application, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL ANTIBODY FRAGMENTS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL ANTIBODY FRAGMENTS MARKET DYNAMICS

- 3.1. Antibody Fragments Market Impact Analysis (2019-2029)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increase in chronic conditions such as cancer, immunodeficiency, and others
    - 3.1.1.2. Increasing expenditure on healthcare activities
  - 3.1.2. Market Challenges
    - 3.1.2.1. Some obstacles are associated with the purification of antibody fragments
    - 3.1.2.2. Imposition of stringent regulatory norms for the approval of antibody fragments
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Growing investment in the R&D activities
    - 3.1.3.2. Rising number of clinical developments for antibody fragments and related products for serious diseases

### CHAPTER 4. GLOBAL ANTIBODY FRAGMENTS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
- 4.4. Investment Adoption Model
- 4.5. Analyst Recommendation & Conclusion
- 4.6. Top investment opportunity
- 4.7. Top winning strategies

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

## **CHAPTER 6. GLOBAL ANTIBODY FRAGMENTS MARKET, BY PRODUCT**

- 6.1. Market Snapshot
- 6.2. Global Antibody Fragments Market by Product, Performance – Potential Analysis
- 6.3. Global Antibody Fragments Market Estimates & Forecasts by Product, 2019-2029 (USD Billion)
- 6.4. Antibody Fragments Market, Sub Segment Analysis
  - 6.4.1. FAB
  - 6.4.2. scFv
  - 6.4.3. sdAb
  - 6.4.4. Others

## **CHAPTER 7. GLOBAL ANTIBODY FRAGMENTS MARKET, BY APPLICATION**

- 7.1. Market Snapshot
- 7.2. Global Antibody Fragments Market by Application, Performance - Potential Analysis

7.3. Global Antibody Fragments Market Estimates & Forecasts by Application, 2019-2029 (USD Billion)

7.4. Antibody Fragments Market, Sub Segment Analysis

7.4.1. Cancer

7.4.2. Immunodeficiency

7.4.3. Others

## **CHAPTER 8. GLOBAL ANTIBODY FRAGMENTS MARKET, REGIONAL ANALYSIS**

8.1. Antibody Fragments Market, Regional Market Snapshot

8.2. North America Antibody Fragments Market

8.2.1. U.S. Antibody Fragments Market

8.2.1.1. Product breakdown estimates & forecasts, 2019-2029

8.2.1.2. Application breakdown estimates & forecasts, 2019-2029

8.2.2. Canada Antibody Fragments Market

8.3. Europe Antibody Fragments Market Snapshot

8.3.1. U.K. Antibody Fragments Market

8.3.2. Germany Antibody Fragments Market

8.3.3. France Antibody Fragments Market

8.3.4. Spain Antibody Fragments Market

8.3.5. Italy Antibody Fragments Market

8.3.6. Rest of Europe Antibody Fragments Market

8.4. Asia-Pacific Antibody Fragments Market Snapshot

8.4.1. China Antibody Fragments Market

8.4.2. India Antibody Fragments Market

8.4.3. Japan Antibody Fragments Market

8.4.4. Australia Antibody Fragments Market

8.4.5. South Korea Antibody Fragments Market

8.4.6. Rest of Asia Pacific Antibody Fragments Market

8.5. Latin America Antibody Fragments Market Snapshot

8.5.1. Brazil Antibody Fragments Market

8.5.2. Mexico Antibody Fragments Market

8.6. Rest of The World Antibody Fragments Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. Pfizer Inc.

- 9.2.1.1. Key Information
- 9.2.1.2. Overview
- 9.2.1.3. Financial (Subject to Data Availability)
- 9.2.1.4. Product Summary
- 9.2.1.5. Recent Developments
- 9.2.2. AlbynX
- 9.2.3. Novartis AG
- 9.2.4. Genentech, Inc.
- 9.2.5. AbbVie Inc.
- 9.2.6. Bristol-Myers Squibb Company
- 9.2.7. Johnson & Johnson Private Limited
- 9.2.8. Lilly
- 9.2.9. Takeda Pharmaceutical Company Limited
- 9.2.10. Sanofi

## **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process
  - 10.1.1. Data Mining
  - 10.1.2. Analysis
  - 10.1.3. Market Estimation
  - 10.1.4. Validation
  - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Antibody Fragments Market, report scope
- TABLE 2. Global Antibody Fragments Market estimates & forecasts by Region 2019-2029 (USD Billion)
- TABLE 3. Global Antibody Fragments Market estimates & forecasts by Product 2019-2029 (USD Billion)
- TABLE 4. Global Antibody Fragments Market estimates & forecasts by Application 2019-2029 (USD Billion)
- TABLE 5. Global Antibody Fragments Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 6. Global Antibody Fragments Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 7. Global Antibody Fragments Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 8. Global Antibody Fragments Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 9. Global Antibody Fragments Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 10. Global Antibody Fragments Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 11. Global Antibody Fragments Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 12. Global Antibody Fragments Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 13. Global Antibody Fragments Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 14. Global Antibody Fragments Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 15. U.S. Antibody Fragments Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 16. U.S. Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 17. U.S. Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 18. Canada Antibody Fragments Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 19. Canada Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 20. Canada Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 21. UK Antibody Fragments Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 22. UK Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 23. UK Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 24. Germany Antibody Fragments Market estimates & forecasts, 2019-2029  
(USD Billion)

TABLE 25. Germany Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 26. Germany Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 27. France Antibody Fragments Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 28. France Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 29. France Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 30. Italy Antibody Fragments Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 31. Italy Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 32. Italy Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 33. Spain Antibody Fragments Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 34. Spain Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 35. Spain Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 36. RoE Antibody Fragments Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 37. RoE Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 38. RoE Antibody Fragments Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 39. China Antibody Fragments Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India Antibody Fragments Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan Antibody Fragments Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea Antibody Fragments Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia Antibody Fragments Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC Antibody Fragments Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC Antibody Fragments Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil Antibody Fragments Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 59. Brazil Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 60. Mexico Antibody Fragments Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 61. Mexico Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 62. Mexico Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 63. RoLA Antibody Fragments Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 64. RoLA Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 65. RoLA Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 66. Row Antibody Fragments Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 67. Row Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 68. Row Antibody Fragments Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Antibody Fragments  
Market

TABLE 70. List of primary sources, used in the study of global Antibody Fragments  
Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final  
deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Antibody Fragments Market, research methodology
  - FIG 2. Global Antibody Fragments Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Antibody Fragments Market, key trends 2021
  - FIG 5. Global Antibody Fragments Market, growth prospects 2022-2029
  - FIG 6. Global Antibody Fragments Market, porters 5 force model
  - FIG 7. Global Antibody Fragments Market, pest analysis
  - FIG 8. Global Antibody Fragments Market, value chain analysis
  - FIG 9. Global Antibody Fragments Market by segment, 2019 & 2029 (USD Billion)
  - FIG 10. Global Antibody Fragments Market by segment, 2019 & 2029 (USD Billion)
  - FIG 11. Global Antibody Fragments Market by segment, 2019 & 2029 (USD Billion)
  - FIG 12. Global Antibody Fragments Market by segment, 2019 & 2029 (USD Billion)
  - FIG 13. Global Antibody Fragments Market by segment, 2019 & 2029 (USD Billion)
  - FIG 14. Global Antibody Fragments Market, regional snapshot 2019 & 2029
  - FIG 15. North America Antibody Fragments Market 2019 & 2029 (USD Billion)
  - FIG 16. Europe Antibody Fragments Market 2019 & 2029 (USD Billion)
  - FIG 17. Asia pacific Antibody Fragments Market 2019 & 2029 (USD Billion)
  - FIG 18. Latin America Antibody Fragments Market 2019 & 2029 (USD Billion)
  - FIG 19. Global Antibody Fragments Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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