

# Global Synthetic Antibody Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Synthetic Antibody market size is expected to reach \$ 148210 million by 2029, rising at a market growth of 13.5% CAGR during the forecast period (2023-2029).

Synthetic antibodies are affinity reagents generated entirely in vitro, thus completely eliminating animals from the production process. Synthetic antibodies include recombinant antibodies, nucleic acid aptamers and non-immunoglobulin protein scaffolds. As a consequence of their in vitro manufacturing method the antigen recognition site of synthetic antibodies can be engineered to any desired target and may extend beyond the typical immune repertoire offered by natural antibodies. Synthetic antibodies are being developed for use in research, diagnostic and therapeutic applications. Synthetic antibodies can be used in all applications where traditional monoclonal or polyclonal antibodies are used and offer many inherent advantages over animal-derived antibodies, including comparatively low production costs, reagent reproducibility and increased affinity, specificity and stability across a range of experimental conditions.

This report studies the global Synthetic Antibody production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Synthetic Antibody, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Synthetic Antibody that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Synthetic Antibody total production and demand, 2018-2029, (Units)

Global Synthetic Antibody total production value, 2018-2029, (USD Million)

Global Synthetic Antibody production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Synthetic Antibody consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Synthetic Antibody domestic production, consumption, key domestic manufacturers and share

Global Synthetic Antibody production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Synthetic Antibody production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Synthetic Antibody production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global Synthetic Antibody market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Abcam, Merck, Cell Signaling Technology, GE Healthcare, Thermo Fisher Scientific, Roche, Santa Cruz Biotechnology, Becton Dickinson and Rockland Immunochemicals, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Synthetic Antibody market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global Synthetic Antibody Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Synthetic Antibody Market, Segmentation by Type

Recombinant Antibodies

Non-Immunoglobulin Derived Synthetic Antibodies

#### Global Synthetic Antibody Market, Segmentation by Application

Cancer

Poisoning

Viral Infections

Septicemia

Autoimmune Diseases

Others

#### Companies Profiled:

Abcam

Merck

Cell Signaling Technology

GE Healthcare

Thermo Fisher Scientific

Roche

Santa Cruz Biotechnology

Becton Dickinson

Rockland Immunochemicals

Johnson & Johnson

#### Key Questions Answered

1. How big is the global Synthetic Antibody market?
2. What is the demand of the global Synthetic Antibody market?
3. What is the year over year growth of the global Synthetic Antibody market?
4. What is the production and production value of the global Synthetic Antibody market?

5. Who are the key producers in the global Synthetic Antibody market?
6. What are the growth factors driving the market demand?

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