

Antibody Drug Conjugates Market Size to Reach \$18.84 Billion Globally by 2030: Latest Report by Vantage Market Research

Antibody Drug Conjugates Market Size, Share, Industry Trends, Growth, and Opportunities Analysis by 2032.

GEORGIA AVENUE, WASHINGTON, DC, UNITED STATES, January 8, 2024 /EINPresswire.com/ -- Antibody drug conjugates (ADCs) are a breakthrough targeted therapy technology designed to deliver cytotoxic drugs to tumor cells, while sparing healthy tissues. The global <u>Antibody Drug Conjugates</u> <u>Market</u> was valued at USD 4.75 Billion



Antibody Drug Conjugates Market

in 2022, and it is expected to reach USD 18.84 Billion by 2030, growing at a CAGR of 18.80% during the forecast period (2024-2032). Key growth drivers include the rising incidence of cancer worldwide, increasing demand for targeted therapies with lower toxicity profiles, high R&D investments in ADC pipeline, and technological innovations in linker chemistries and monoclonal antibody production.

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Vantage Market Research Report for Antibody Drug Conjugates Market- A Closer Look at the Future of Antibody Drug Conjugates" Vantage Market Research ADCs allow precise delivery of highly potent drugs inside cancer cells expressing specific cell surface antigens, thereby minimizing adverse effects and improving therapeutic outcomes for patients. The field has gained remarkable momentum with 8 approved products and over 230 candidates in the global pipeline across 1000 clinical trials targeting various tumor indications like

breast, ovarian and lung cancer.

DDDDDDDDDDDDDDDDDDDDDDDD@<u>https://www.vantagemarketresearch.com/antibody-drug-</u> <u>conjugates-adcs-market-1280/request-sample</u> The antibody drug conjugates market growth is primarily driven by the increasing global prevalence of cancer, advantages of ADCs over traditional <u>chemotherapy</u>, continuous technology advancements, and high unmet clinical needs. Moreover, expanding therapeutic applications across diverse malignant indications coupled with growing combination therapy approaches integrating ADCs will boost product uptake over the next decade.

Additionally, several major pharma players are actively engaged in partnerships and acquisitions to leverage complementary capabilities, amplify clinical development, and commercialization footprints for gaining first-mover advantage. However, manufacturing complexities related to linker chemistry and payload toxicity can restrain the growth to some extent. Stakeholders are mitigating these concerns through investments in novel bioconjugation strategies.

- Takeda Pharmaceutical Company Ltd. (Japan)
- F. Hoffmann-La Roche Ltd. (US)
- Gilead Sciences Inc. (US)
- Astellas Pharma (Japan)
- Pfizer Inc. (US)
- AstraZeneca (Sweden)
- Seagen Inc. (US)
- Daiichi Sankyo Company Ltd. (Japan)
- GlaxoSmithKline PLC (UK)

- Growing R&D focus on developing ADCs for non-cancer indications
- Technological innovations in site-specific bioconjugation for homogenous ADC production
- Combination therapeutic approaches integrating ADCs into treatment regimens
- Increasing investment in implementing next-gen integrated digital technologies across the ADC value chain
- Accelerating demand for fast-to-market ADC contract manufacturing services
- Strategic partnerships and consolidation activities among leading pharma and biotech players

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Some prominent challenges restricting the growth of businesses and adoption rate of ADCs include:

- Complex manufacturing issues resulting in batch-to-batch variations
- Stringent regulatory landscape delaying approval timelines
- Toxicity and tolerability concerns with increased adverse effects
- · Limited reimbursement coverage scenarios affecting commercial viability
- Scarcity of CMC and GMP grade infrastructure for scaling ADC technologies

Favorable outlook for market players, research scientists and experts exists in the form of:

- Huge unmet need creating exponential demand for ADC therapies
- Opportunities to develop best-in-class patented platforms improving efficacy
- Significant R&D scope for precision-targeted conjugates and bystander effect ADCs
- Geographic expansion strategies to tap underpenetrated emerging markets
- Rising investments in startups and streamlined regulatory policies supporting product approvals

U What was the global antibody drug conjugates market size in 2022?

• The ADC market size was estimated to be nearly USD 4.75 Billion in 2022.

□ What is the growth rate forecast for the <u>antibody drug conjugates industry</u> between 2022 and 2030?

- The market is expected to grow at an impressive CAGR of around 18.80% from 2023 to 2030.
 What are the key therapeutic areas targeted using ADC therapies?
- ADCs mainly target cancer indications including breast, blood, lung, ovarian, bladder and colorectal cancers.
- □ Which region represents the largest share in the global ADC market currently?
- North America captured the largest revenue share of over 49% in the ADC market.
- □ What are the key factors propelling market growth?

• Rising cancer prevalence, advantages of ADCs, R&D investments, advanced conjugation technologies etc.

Who are the top players operating in the ADC market?

• Roche, Seattle Genetics, Immunogen, Concortis Biosystems, and Synthon Biopharmaceuticals etc.

Which strategies are being adopted by companies in this industry?

• Players adopt partnerships, merger & acquisitions, geographic expansions, platform

development etc.

- U What are the major challenges that can impede global market growth?
- Challenges related to complex manufacturing, toxicity concerns, regulations etc.

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North America dominated the global ADC therapeutics market with over 49% share in 2022, driven by high target disease prevalence, presence of top pharma giants, sophisticated healthcare infrastructure, favorable reimbursements and rising ADC R&D investments. Presence of industry leaders like Seagen Inc. and Immunomedics Inc. focusing on multiple solid tumor indications will further support regional business growth.

Asia Pacific ADC market is estimated to register the fastest CAGR of 22% over 2023-2030 due to improving R&D ecosystems, developing regulatory frameworks especially in China and India combined with unmet patient needs that will boost product adoption rates across the region.

Prefilled Syringes Market Forecast Report: <u>https://www.linkedin.com/pulse/prefilled-syringes-market-size-share-trends-analysis-report-hancock/</u>
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