

Anti-CD20 antibody - Pipeline Insight, 2021

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Abstracts

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DelveInsight's, "Anti-CD20 antibody – Pipeline Insight, 2021," report provides comprehensive insights about 20+ companies and 20+ pipeline drugs in Anti-CD20 antibody pipeline landscape. It covers the pipeline drug profiles, including clinical and nonclinical stage products. It also covers the therapeutics assessment by product type, stage, route of administration, and molecule type. It further highlights the inactive pipeline products in this space.

Geography Covered

Global coverage

Anti-CD20 antibody Understanding

Anti-CD20 antibody: Overview

CD20 is a 33- to 37-kDa non-glycosylated phosphoprotein expressed on the surface of mature undifferentiated B-cells. Expression starts at the pre-B-cell stage, and persists until terminal differentiation into plasma cells. This pattern, together with consistent and high levels of expression of CD20 on malignant B-cells, makes CD20 a therapeutic target. CD20 protein consists of four hydrophobic transmembrane domains, one intracellular and two extracellular domains (large and small loops) with both N- and C-termini residing within the cytosol. Expression of CD20 antigen by the most of transformed B cells is believed to be the driving force for targeting this molecule by using anti-CD20 monoclonal antibodies. Anti-CD20 monoclonal antibodies (mAbs) are used to achieve B cell depletion, and were initially developed to treat B cell proliferative

disorders, including non-Hodgkin's lymphoma (NHL) and chronic lymphocytic leukemia (CLL). Use of anti-CD20 therapy is vastly practiced to treat diseases with a high expression of CD20 antigen. Anti-CD20 antibodies are one of the most successful and effective antibodies which have employed in treatment of a wide range of diseases including cancer and immune related disorders.

'Anti-CD20 antibody - Pipeline Insight, 2021' report by DelveInsight outlays comprehensive insights of present scenario and growth prospects across the indication. A detailed picture of the Anti-CD20 antibody pipeline landscape is provided which includes the disease overview and Anti-CD20 antibody treatment guidelines. The assessment part of the report embraces, in depth Anti-CD20 antibody commercial assessment and clinical assessment of the pipeline products under development. In the report, detailed description of the drug is given which includes mechanism of action of the drug, clinical studies, NDA approvals (if any), and product development activities comprising the technology, Anti-CD20 antibody collaborations, licensing, mergers and acquisition, funding, designations and other product related details.

Report Highlights

The companies and academics are working to assess challenges and seek opportunities that could influence Anti-CD20 antibody R&D. The therapies under development are focused on novel approaches to treat/improve Anti-CD20 antibody.

Anti-CD20 antibody Emerging Drugs Chapters

This segment of the Anti-CD20 antibody report encloses its detailed analysis of various drugs in different stages of clinical development, including phase II, I, preclinical and Discovery. It also helps to understand clinical trial details, expressive pharmacological action, agreements and collaborations, and the latest news and press releases.

Anti-CD20 antibody Emerging Drugs

Ublituximab: TG therapeutics

Ublituximab (TG-1101) is an investigational glycoengineered monoclonal antibody that targets a unique epitope on CD20-expressing B-cells. When ublituximab binds to the B-

cell it triggers a series of immunological reactions (including antibody-dependent cellular cytotoxicity [ADCC] and complement dependent cytotoxicity [CDC]), leading to destruction of the cell. TG Therapeutics completes the rolling submission of a Biologics License Application (BLA) to the U.S. Food and Drug Administration (FDA) requesting approval of ublituximab, the Company's investigational glycoengineered anti-CD20 monoclonal antibody as a treatment for patients with chronic lymphocytic leukemia (CLL). The U.S. FDA previously granted Fast Track designation to the combination of ublituximab and umbralisib (U2) for the treatment of adult patients with CLL and orphan drug designation for ublituximab in combination with umbralisib for the treatment of CLL.

Glofitamab: Roche

Glofitamab (also known as RO7082859, RG6026) is an investigational, full-length, CD20- and CD3-targeting T-cell bispecific antibody that is designed to redirect T cells to engage and eliminate malignant B cells. Glofitamab is designed to bind to CD20, a B-cell surface protein expressed in a majority of B-cell malignancies, while simultaneously binding to CD3, a component of the TCR on the surface of T cells. A Phase III Study Evaluating Glofitamab in Combination With Gemcitabine + Oxaliplatin vs Rituximab in Combination With Gemcitabine + Oxaliplatin is underway in Participants With Relapsed/Refractory Diffuse Large B-Cell Lymphoma.

Further product details are provided in the report

Anti-CD20 antibody: Therapeutic Assessment

This segment of the report provides insights about the different Anti-CD20 antibody drugs segregated based on following parameters that define the scope of the report, such as:

Major Players in Anti-CD20 antibody

There are approx. 20+ key companies which are developing the therapies for Anti-CD20 antibody. The companies which have their Anti-CD20 antibody drug candidates in the most advanced stage, i.e. Preregistration include, TG therapeutics.

Phases

DelveInsight's report covers around 20+ products under different phases of clinical development like

Late stage products (Phase III)

Mid-stage products (Phase II)

Early-stage product (Phase I) along with the details of

Pre-clinical and Discovery stage candidates

Discontinued & Inactive candidates

Route of Administration

Anti-CD20 antibody pipeline report provides the therapeutic assessment of the pipeline drugs by the Route of Administration. Products have been categorized under various ROAs such as

Oral

Parenteral

Intravenous

Subcutaneous

Topical

Molecule Type

Products have been categorized under various Molecule types such as

Monoclonal Antibody

Peptides

Polymer

Small molecule

Gene therapy

Product Type

Drugs have been categorized under various product types like Mono, Combination and Mono/Combination.

Anti-CD20 antibody: Pipeline Development Activities

The report provides insights into different therapeutic candidates in phase II, I, preclinical and discovery stage. It also analyses Anti-CD20 antibody therapeutic drugs key players involved in developing key drugs.

Pipeline Development Activities

The report covers the detailed information of collaborations, acquisition and merger, licensing along with a thorough therapeutic assessment of emerging Anti-CD20 antibody drugs.

Anti-CD20 antibody Report Insights

Anti-CD20 antibody Pipeline Analysis

Therapeutic Assessment

Unmet Needs

Impact of Drugs

Anti-CD20 antibody Report Assessment

Pipeline Product Profiles

Therapeutic Assessment

Pipeline Assessment

Inactive drugs assessment

Unmet Needs

Key Questions

Current Treatment Scenario and Emerging Therapies:

How many companies are developing Anti-CD20 antibody drugs?

How many Anti-CD20 antibody drugs are developed by each company?

How many emerging drugs are in mid-stage, and late-stage of development for the treatment of Anti-CD20 antibody?

What are the key collaborations (Industry–Industry, Industry–Academia), Mergers and acquisitions, licensing activities related to the Anti-CD20 antibody therapeutics?

What are the recent trends, drug types and novel technologies developed to overcome the limitation of existing therapies?

What are the clinical studies going on for Anti-CD20 antibody and their status?

What are the key designations that have been granted to the emerging drugs?

Contents

- Introduction
- Executive Summary
- Anti-CD20 antibody: Overview
 - Causes
 - Mechanism of Action
 - Signs and Symptoms
 - Diagnosis
 - Disease Management
- Pipeline Therapeutics
 - Comparative Analysis
- Therapeutic Assessment
 - Assessment by Product Type
 - Assessment by Stage and Product Type
 - Assessment by Route of Administration
 - Assessment by Stage and Route of Administration
 - Assessment by Molecule Type
 - Assessment by Stage and Molecule Type
- Anti-CD20 antibody – DelveInsight's Analytical Perspective
- In-depth Commercial Assessment
 - Anti-CD20 antibody companies' collaborations, Licensing, Acquisition -Deal Value
- Trends
 - Anti-CD20 antibody Collaboration Deals
 - Company-Company Collaborations (Licensing / Partnering) Analysis
 - Company-University Collaborations (Licensing / Partnering) Analysis
- Late Stage Products (Preregistration)
 - Comparative Analysis
- Ublituximab: TG therapeutics
 - Product Description
 - Research and Development
 - Product Development Activities
- Drug profiles in the detailed report
- Mid Stage Products (Phase II)
 - Comparative Analysis
- Odronexmab: Regeneron Pharmaceuticals
 - Product Description
 - Research and Development
 - Product Development Activities

Drug profiles in the detailed report

Early stage products (Phase I)

Comparative Analysis

IGM 2323: IGM Biosciences

Product Description

Research and Development

Product Development Activities

Drug profiles in the detailed report

Inactive Products

Comparative Analysis

Anti-CD20 antibody Key Companies

Anti-CD20 antibody Key Products

Anti-CD20 antibody- Unmet Needs

Anti-CD20 antibody- Market Drivers and Barriers

Anti-CD20 antibody- Future Perspectives and Conclusion

Anti-CD20 antibody Analyst Views

Anti-CD20 antibody Key Companies

Appendix

List Of Tables

LIST OF TABLES

Table 1 Total Products for Anti-CD20 antibody

Table 2 Late Stage Products

Table 3 Mid Stage Products

Table 4 Early Stage Products

Table 5 Pre-clinical & Discovery Stage Products

Table 6 Assessment by Product Type

Table 7 Assessment by Stage and Product Type

Table 8 Assessment by Route of Administration

Table 9 Assessment by Stage and Route of Administration

Table 10 Assessment by Molecule Type

Table 11 Assessment by Stage and Molecule Type

Table 12 Inactive Products

List Of Figures

LIST OF FIGURES

- Figure 1 Total Products for Anti-CD20 antibody
- Figure 2 Late Stage Products
- Figure 3 Mid Stage Products
- Figure 4 Early Stage Products
- Figure 5 Preclinical and Discovery Stage Products
- Figure 6 Assessment by Product Type
- Figure 7 Assessment by Stage and Product Type
- Figure 8 Assessment by Route of Administration
- Figure 9 Assessment by Stage and Route of Administration
- Figure 10 Assessment by Molecule Type
- Figure 11 Assessment by Stage and Molecule Type
- Figure 12 Inactive Products

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