

Monoclonal Antibodies - 488 pages - 9783642745324 - 2012 - Springer Science & Business Media, 2012 - Johann H. Peters, Horst Baumgarten

Monoclonal antibodies are one of the most exciting developments in biotechnology in recent years; this book provides a comprehensive description of principles, methodologies and applications of this powerful technology to modern science and industry. The immune system of the body, in particular the role of antibodies, is described; and details provided on the isolation of antibody-producing cells, how hybridomas are formed and maintained in culture such that the required antibody can be produced to a very high degree of purity.

Monoclonal Antibodies: Pr has been added to your Cart. Add to Cart. Buy Now.Â Monoclonal antibodies now have applications in virtually all areas of biology and medicine, and much of the world's biotechnology industry has its foundations in the exploitation of this technology. Product details. Publisher : Academic Press; 3rd edition (March 19, 1996).

Conclusion: Monoclonal antibodies offer alternative treatment to cancer patients who have failed or progressed on standard chemotherapy. Clinical research continues to explore new antigens to target in hopes of discovering the "magic bullet" to eliminate cancer altogether. Implications for nursing practice: Collaboration with infection control should be considered for nurses administering monoclonal antibodies to ensure their safe handling.