

Antibody Techniques; Vedpal S. Malik, Erik P. Lillehoj; 2013; 9781483285139; 353 pages; Academic Press, 2013

Antibody Handbook - this free PDF download includes basics of Antibody drug discovery and topics in rAb production, including GenScript services, useful tips and references. Antibody Handbook. Antibodies (Abs) are the fastest growing class of drugs and the reasons for this growth are obvious. Their long half-lives allow for infrequent dosing. They have high specificity for their targets and are well tolerated. Antigen-specific affinity purification of antibodies. However, except with specialized columns and equipment, these techniques alone cannot purify antibodies from other proteins and macromolecules that are present in typical antibody samples. More commonly, gel filtration and dialysis are used following other purification steps, such as ammonium sulfate precipitation (1). Antibody Purification. Handbook. Handbooks from GE Healthcare. These antibodies are commonly used as reagents in immunochemical techniques, using crude serum as the source. Further purification may be required, either to isolate the group of polyclonal antibodies or to isolate a specific antibody from the group. Monoclonal antibodies Monoclonal antibodies (MAbs) are highly specific antibodies produced from hybridoma cells. 21.5 Fluorescent Antibody Techniques. Learning Objectives. Describe the benefits of immunofluorescent antibody assays in comparison to nonfluorescent assays. Share This Book. Powered by Pressbooks. Guides and Tutorials.