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**Natural Antibodies**

Methods and Protocols

Series: Methods in Molecular Biology, Vol. 1643

- Includes cutting-edge methods and protocols
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This volume looks at the role of natural antibodies in pathogen elimination, cell survival, inflammation, cancer, and autoimmunity. The chapters in this book cover numerous topics, such as isolation of natural antibodies; methods for separating natural antibodies from human plasma, saliva, breast milk, and gastrointestinal fluids; functional properties of natural antibodies such as anti-tumor cytocoxic activity, and hydrolysis and dissolution of their target antigens; their utility in serological diagnosis of microbial antigens; and the role of natural antibodies in inhibiting viral vectors in the absence of prior exposure to the virus. Written in the highly successful *Methods in Molecular Biology* series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls.

Practical and thorough, *Natural Antibodies: Methods and Protocols* is a valuable resource for researchers and experts who are interested in further studies of natural antibodies.

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