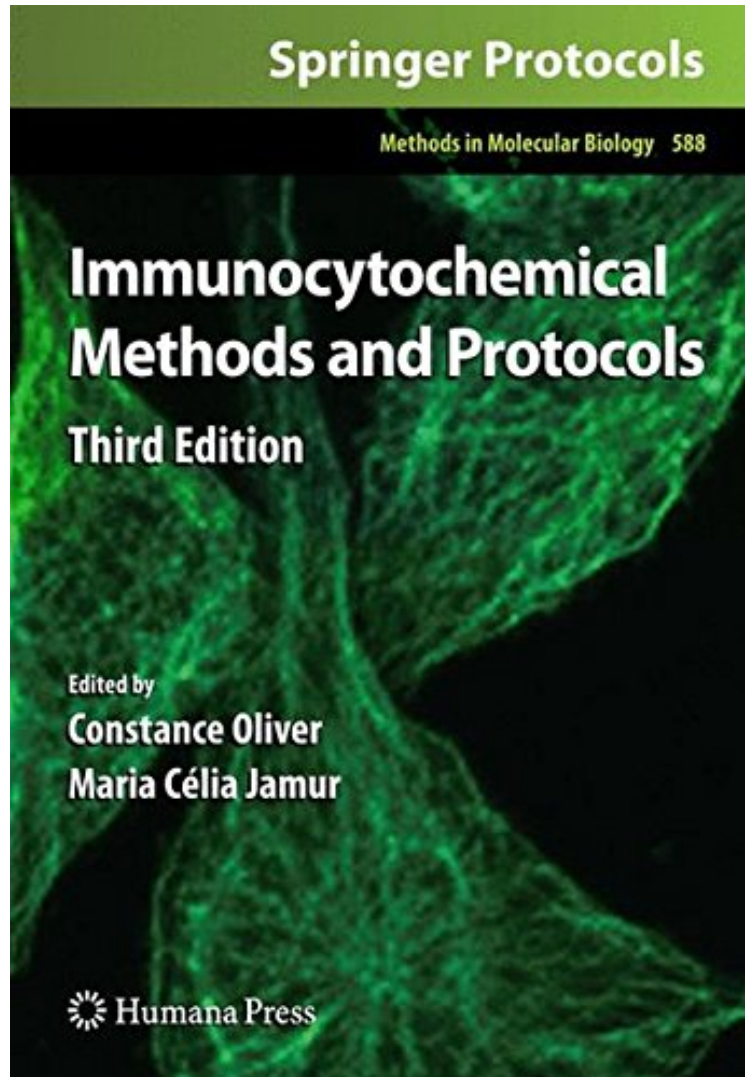


[Download free ebook] Immunocytochemical Methods and Protocols (Methods in Molecular Biology)

## Immunocytochemical Methods and Protocols (Methods in Molecular Biology)

*From Brand: Humana Press*

*\*Download PDF | ePub | DOC | audiobook | ebooks*



[Download](#)

[Read Online](#)

#4925662 in Books Humana Press 2009-12-23 Original language: English PDF # 1 10.00 x .94 x 7.011, 2.00  
#File Name: 1588294633416 pages | File size: 49.Mb

**From Brand: Humana Press : Immunocytochemical Methods and Protocols (Methods in Molecular Biology)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Immunocytochemical Methods and Protocols (Methods in Molecular Biology):

Antibodies tagged with fuorescent markers have been used in histochemistry for over 50 years. Although early

applications were focused on the detection of microbial antigens in tissues, the use of immunocytochemical methods now has spread to include the detection of a wide array of antigens including proteins, carbohydrates, and lipids from virtually any organism. Today, immunohistochemistry is widely used to identify, in situ, various components of cells and tissues in both normal and pathological conditions. The method gains its strength from the extremely sensitive interaction of a specific antibody with its antigen. For some scientific areas, books have been published on applications of immunocytochemical techniques specific to that area. What distinguished *Immunocytochemical Methods and Protocols* from earlier books when it was first published was its broad appeal to investigators across all disciplines, including those in both research and clinical settings. The methods and protocols presented in the first edition were designed to be general in their application; the accompanying Notes provided the reader with invaluable assistance in adapting or troubleshooting the protocols. These strengths continued to hold true for the second edition and again for the third edition. Since the publication of the first edition, the application of immunocytochemical techniques in the clinical laboratory has continued to rise and this third edition provides methods that are applicable to basic research as well as to the clinical laboratory.

From the reviews of the third edition: This book targets not only immunologists but a very broad readership. very well-written and will be equally useful for a complete beginner to the technique, as well as for a scientist who has been using the methods for years. I would recommend this book in particular to researchers who start to use immunocyto/histochemistry in their work. The book should also be considered by laboratories that would like to have a reference for reliable immunostaining protocols. (Anna Vossenkaemper, *Immunology News*, August, 2010)

From the Back Cover The landscape of immunocytochemistry has significantly evolved in past years. Once a laborious technique with limited application, the introduction of new detection systems and instrumentation has facilitated the widespread use of immunocytochemical methods. In the post-genomic era, the use of immunocytochemical methods has grown to include the identification of a broad spectrum of antigens including proteins, carbohydrates and lipids from virtually every organism. In *Immunocytochemical Methods and Protocols, Third Edition*, expert researchers explore the modern methods employed in the field today, now widely used to identify, in situ, various components of cells and tissues in both normal and pathological conditions, and to demonstrate the localization of subcellular components. Chapters provide methods that are designed to be general in their application and to appeal to investigators across all disciplines, including those in research and clinical settings. Composed in the highly successful *Methods in Molecular Biology* series format, chapters contain a brief introduction, step-by-step methods, a list of necessary materials, and a Notes section which shares tips on troubleshooting and avoiding known pitfalls. Comprehensive and ground-breaking, *Immunocytochemical Methods and Protocols, Third Edition*, brings together a variety of methods that are normally limited to applications in a specific area, providing a unique and vital guide for researchers and clinicians alike.