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Titolo	Handbook of Practical Immunohistochemistry : Frequently Asked Questions // edited by Fan Lin, Jeffrey Prichard
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and indexes.
Nota di contenuto	Immunohistochemistry Quality Management and Regulation -- Standardization of Diagnostic Immunohistochemistry -- Automated Immunohistochemistry Overview -- Geisinger Immunohistochemical Antibodies and Staining Protocols -- Immunohistochemistry: A Dako Perspective -- Immunohistochemistry: Ventana Perspective -- Rabbit Monoclonal Antibodies -- Detection of Phosphoproteins and Cancer Pathways -- Overview of Predictive Biomarkers and Integration of IHC into Molecular Pathology -- Tissue Microarray -- Unknown Primary/Undifferentiated Neoplasm -- Exfoliative Cytology and Effusions -- Breast -- Predictive Biomarkers in Breast Cancer: ER, PR and Her-2/neu -- Central Nerve System -- Thyroid, Parathyroid and Adrenal Glands -- Salivary Glands and Head and Neck -- Pleuropulmonary and Mediastinal Neoplasms -- Uterus -- Ovary -- Prostate Gland -- Urinary Bladder and Urachus -- Kidney -- Testis and Paratesticular Tissues -- Pancreas and Ampulla -- Liver, Bile Ducts and Gallbladder -- Upper Gastrointestinal Tract -- Lower Gastrointestinal Tract -- Soft Tissue and Bone Tumors. Lymph Node -- Bone Marrow -- Infectious Diseases -- Skin -- Application of Direct Immunofluorescence for Skin and Mucosal Biopsies: A Practical Review -- Application of Fluorescent in Situ Hybridization (FISH) in Surgical and Cytologic Specimens (Solid Tumors, Hematopoietic Tumors, Urine, Bile

Sommario/riassunto

In a conceptually current, quick-reference, Question & Answer format, the second edition of *Handbook of Practical Immunohistochemistry: Frequently Asked Questions* continues to provide a comprehensive and yet concise state-of-the-art overview of the major issues specific to the field of immunohistochemistry. With links to the authors Immunohistochemical Laboratory website, this volume creates a current and up-to-date information system on immunohistochemistry. This includes access to tissue microarrays (TMA) of over 10,000 tumors and normal tissue to validate common diagnostic panels and provide the best reproducible data for diagnostic purposes. Fully revised and updated from the first edition, the new features of the second edition include over 200 additional questions or revised questions with an IHC panel to answer each question; over 250 new color photos and illustrations; over 20 new useful biomarkers; hundreds of new references; several new chapters to cover phosphoproteins, rabbit monoclonal antibodies, multiplex IHC stains, overview of predictive biomarkers, and integration of IHC into molecular pathology; many new coauthors who are international experts in a related field; many updated IHC panels using Geisinger IHC data collected from over 10,000 tumors and normal tissues; and updated appendices containing detailed antibody information for both manual and automated staining procedures. Comprehensive yet practical and concise, the *Handbook of Practical Immunohistochemistry: Frequently Asked Questions, Second Edition* will be of great value for surgical pathologists, pathology residents and fellows, cytopathologists, and cytotechnologists.

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