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Autore	Leong Anthony S.-Y (Anthony Siew-Yin), <1945-2011.>
Titolo	Quantitative immunohistology : problems and solutions // Anthony S-Y Leong and Trishe Y-M Leong
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Descrizione fisica	1 online resource (82 p.)
Collana	Immunology and immune system disorders
Altri autori (Persone)	LeongTrishe Y-M
Disciplina	616.07/56
Soggetti	Diagnostic immunohistochemistry
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The immunohistological assay : a total test approach -- Pre-analytical variables : tissue preservation, transportation, fixation and tissue processing -- Analytical variables : antigen retrieval, antibodies, detection systems and controls -- Post-analytical phase -- Receptor detection for targeted therapies -- Interobserver variability in quantitative immunohistology.
Sommario/riassunto	As immunohistochemistry enters its fourth decade as a diagnostic tool, this analytical procedure continues to experience poor reproducibility, albeit in specific situations. The problem becomes more important with the mounting pressure to employ the assay in a quantitative manner for the assessment of therapeutic and prognostic markers in a number of neoplasms. Qualitative applications of immunohistochemistry are well established and continue to increase with the range of sensitive antibodies and detection systems available, however, numerous variables that influence the immunoexpression of proteins in formalin-fixed tissue continue to exist in the pre-analytical and analytical phases of the test procedure. This book emphasizes these problems in detail and suggests possible solutions.