

Table of Contents

ABSTRACT	1
INTRODUCTION	1
IMMUNOHISTOCHEMISTRY.....	2
Principle of Immunohistochemistry	2
IMMUNOHISTOCHEMISTRY STAINING PROCEDURE.....	3
Sample Preparation.....	3
Sample Labeling	4
Immunohistochemistry Reporters	5
Target Antigen Detection	5
Counterstaining	6
IMMUNOCYTOCHEMISTRY	6
PROTOCOL FOR IMMUNOHISTOCHEMISTRY	6
APPLICATIONS OF IMMUNOCHEMISTRY	7
Prognostic markers in cancer.....	7
Infections	7
Viral infections	8
Bacterial infections	8
Fungal infections.....	9
Parasitic infections.....	9
Immunohistochemistry, emerging infections, and bioterrorism	9
Neurodegenerative disorders.....	10
Brain trauma	10
Muscle diseases.....	10
Research	11
Novel uses.....	11
Diagnostic immunohistochemistry markers.....	12
CONCLUSION	12
REFERENCES.....	13