

ImmuChem Immunohistochemistry

Quality IHC Kit for consistent results

Validated Kit for Easy Detection of Protein Expression

BioChain's ImmuChem immunohistochemistry detection kit is a reliable and convenient tool to identify specific gene expression on tissues or immobilized cells. Each kit contains all reagents, including buer and chromogen, required for the immunohistochemistry. A biotinylated, cross-absorbed, and anity purified secondary antibody is used to detect primary antibody-antigen complexes adhered to a glass microscope slide, followed by reaction with enhanced streptavidin peroxidase conjugate and subsequent color development using 3, 3-Diaminobenzidine (DAB) substrate.

Applications:

- Identify specific protein expression within tissue sections
- Examine spatial protein expression
- Developmental expression analysis
- Evaluate biomarkers in diseased samples
- Comparative Immunohistochemical Analysis



Key Features

- Use with frozen and FFPE tissue sections
- Highly optimized procedures
- Straight forward instructions and color coded reagents easily adapted by a novice or expert
- Maximum sensitivity with high specific signal and low background
- May immunostain the same tissue section after in situ hybridization with BioChain's IsHyb ISH Kit

Results of BioChain's ImmuChem Immunohistochemistry Kit

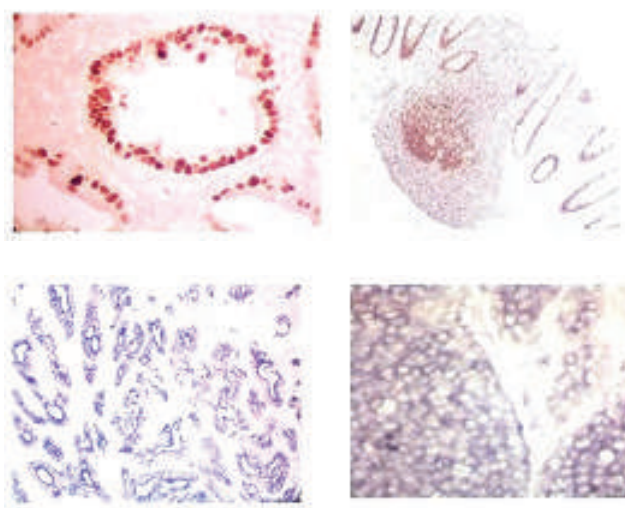


Fig. 1. The images of several BioChain's tissue sections stained by the ImmuChem IHC Kit. A: Ovary tumor tissue stained with P53 antibody (400x); B: Normal colon lymph node tissue stained with EGFR antibody (100x); C: Breast tumor tissue stained with EGFR antibody (100x); D: Breast tumor tissue stained with EGFR antibody (400x).

Beta Amyloid Expression Detected with the ImmuChem IHC Kit

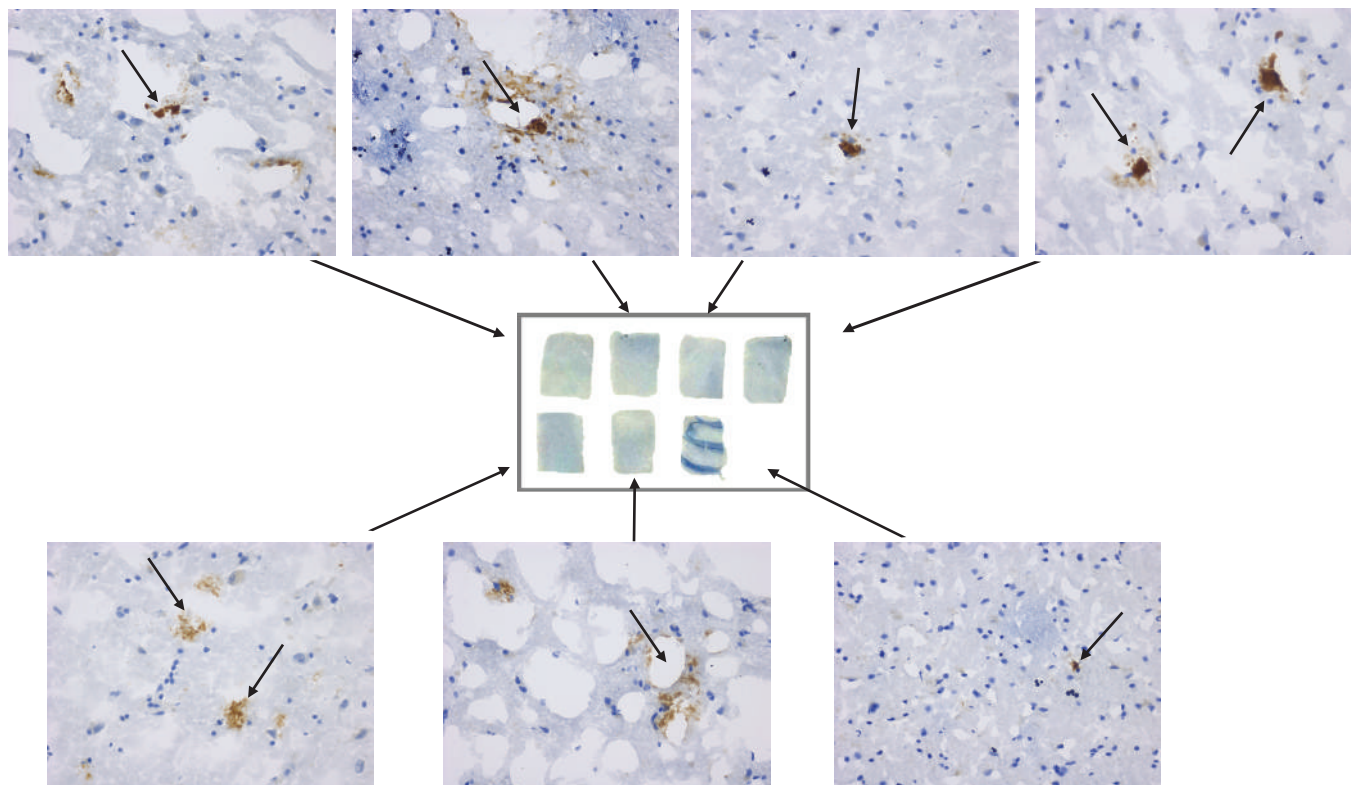


Figure 2. Images of BioChain's Alzheimer's disease Frozen Tissue Panel (Cat# T6236564Alz) at 400x. This slide has been stained using the IHC kit to detect Beta Amyloid plaques. The amyloid plaques can be detected in most Alzheimer's diseased brain tissue and are indicated by the arrows shown above.

Catalog No.	Product	Unit
K3181100	ImmuChem ImmunoHistoChemistry Kit	100 slides
K3181500	ImmuChem ImmunoHistoChemistry Kit	500 slides
K3181500-5	ImmuChem ImmunoHistoChemistry Kit: 1x DAB Buffer	50.0 ml
K3181500-2	Biotinylated Anti-mouse IgG Antibody	1.0 ml
K3181500-7	ImmuChem ImmunoHistoChemistry Kit: Detoxification Solution	100 ml
K3181500-6	ImmuChem ImmunoHistoChemistry Kit: Liquid DAB	1.25 ml
K3181500-1	ImmuChem ImmunoHistoChemistry Kit: Normal Serum	2.5 ml
K3181500-3	ImmuChem ImmunoHistoChemistry Kit: Streptavidin	2.5 ml
K3181500-4	ImmuChem ImmunoHistoChemistry Kit: Biotin-HRP	2.5 ml

Please inquire about our other kits and applications.