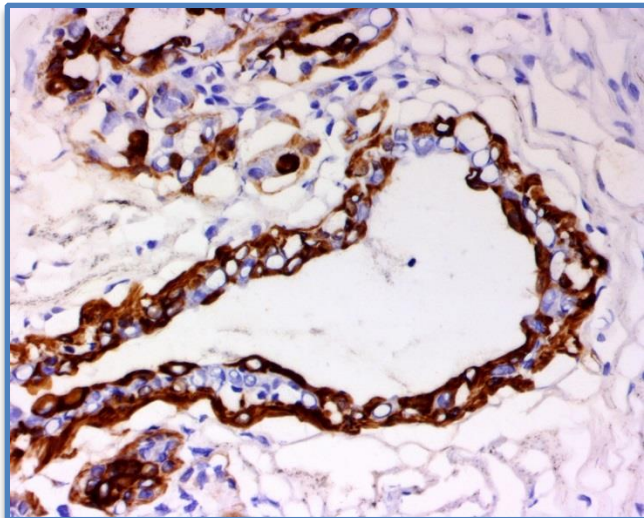
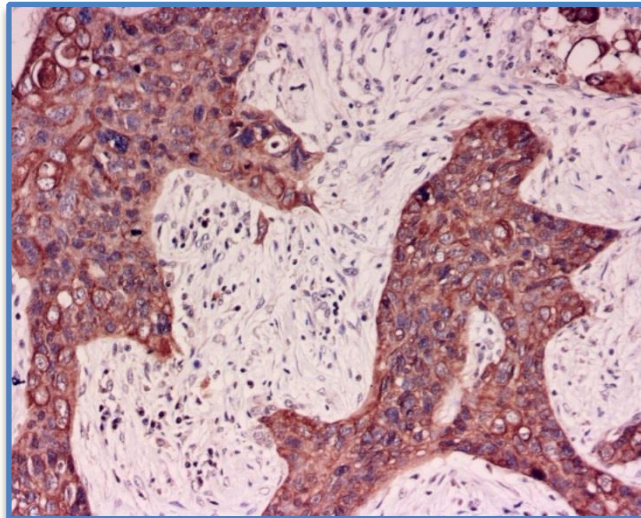


ihcDirect[®] Cytokeratin 5 Kit Anti-Human Cytokeratin 5 (Clone R226)



Breast Using Frozen Tissue



Lung Squamous Cell Carcinoma Using FFPE Tissue

Catalog Number: K42014-XXX:

Package Size: -005: For ~50 IHC Tests using frozen or FFPE tissues
(XXX) -010: For ~100 IHC Tests using frozen or FFPE tissues

Antibody: Rabbit

Storage: Store at 4°C upon receiving. **DO NOT FREEZE.**

Intended Use: For In Vitro Diagnostic Use

Polymerized horseradish peroxidase (pHRP)-labeled anti Cytokeratin 5 (CK5) antibody (Cytokeratin 5 pHRP) is intended for laboratory use to qualitatively identify by light microscopy the presence of human cytokeratin 5 in sections of formalin-fixed, paraffin-embedded tissue sections or frozen tissues using immunohistochemistry (IHC) test methods. The clinical interpretation of any staining or its absence should be complemented by morphological studies using proper controls and should be evaluated within the context of the patient's clinical history and other diagnostic tests by a qualified pathologist/physician. This conjugate has been pre-diluted and optimized for IHC use without further dilution.

Summary and Explanation:

This antibody recognizes human cytokeratin 5, an intermediate filament protein of 58 kD molecular weight within the cytokeratin family. CK5 is expressed in squamous cell epithelium, myoepithelial cells of the breast, mesothelium and the basal cells of the prostate. The key component in this kit is horseradish peroxidase (HRP) polymer (PolyHRP) labeled rabbit anti-human cytokeratin 5 monoclonal antibody (clone R226). The ihc Blocker provided in the kit used prior to applying pHRP-Cytokeratin 5 conjugate will reduce background and nonspecific staining. Chromogen 3,3'-diaminobenzidine (DAB) is used in this kit.

