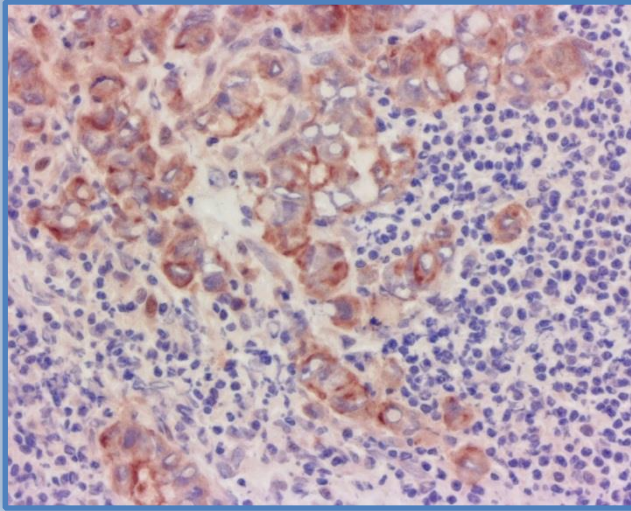
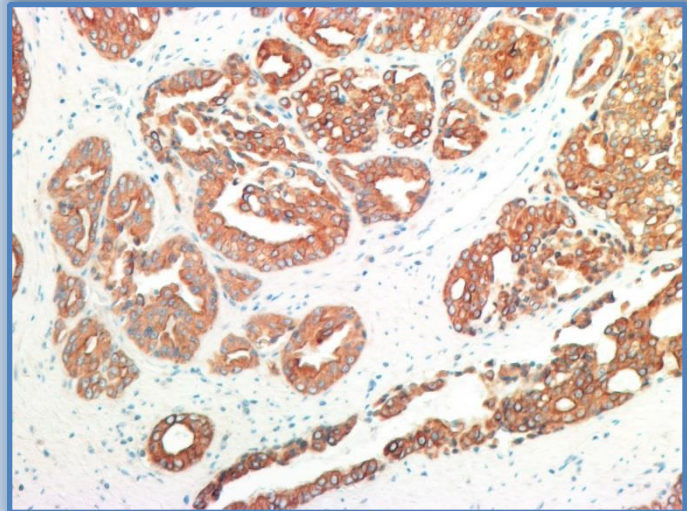




ihcDirect® AE1/AE3 Ab Reagents Anti-Human Pan-Cytokeratin (Clones AE1/AE3)



Breast Cancer, Frozen Tissue



Prostate Cancer, Frozen Tissue

Catalog Number: K31007-XXX for use with DAB Kit (ihc DAB Chrom) K50001-015, K50001-030 and ihc Blocker K51001-015 (Intl.) or K51002-015 (USA)

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

Antibody: Mouse

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

Intended Use: For In Vitro Diagnostic Use

Polymerized horseradish peroxidase (polyHRP)-labeled anti human pan-cytokeratin AE1/AE3 (Clone AE1/AE3) antibody is intended for laboratory use to qualitatively identify by light microscopy the presence of cytokeratins which are expressed in tissues of epithelial origin, including squamous and glandular epithelial cells, in sections of formalin-fixed, paraffin-embedded (FFPE) and/or frozen tissues (FT) using immunohistochemistry (IHC) test method. 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 and proper controls interpreted by a qualified pathologist and/or physician. This conjugate has been pre-diluted and optimized for IHC use without further dilution.

Summary and Explanation:

The ihcDirect AE1/AE3 Abs is a polyHRP conjugated pan-cytokeratin mouse monoclonal antibody cocktail is intended for laboratory use as a qualitative immunohistochemistry reagent for the identification of a broad range of cytokeratin proteins. Clones AE1 and AE3, always used together as an anti-pan-cytokeratin antibody cocktail, recognize cytokeratins 1-8, 10, 14 -16 and 19 in Western-Blot assay. This test may be used on frozen human tissues (FT) and formalin-fixed-paraffin-embedded (FFPE) human tissues and applied to individuals suspected of having related forms of cancer. AE1/AE3 antibodies react with cytokeratins which are expressed in tissues of epithelial origin, including squamous and glandular epithelial cells. AE1/AE3 is known to have limited reactivity in hepatocellular carcinomas (HCCs), renal cell carcinomas (RCCs), and pulmonary small cell carcinomas. This cocktail has limited reactivity in some lung cancer specimens and no-to-very poor reactivity with the cytokeratin proteins in epidermal layer of skin (Woodcock-Mitchell, 1982; Weiss, 1984; Moll, 2008).

