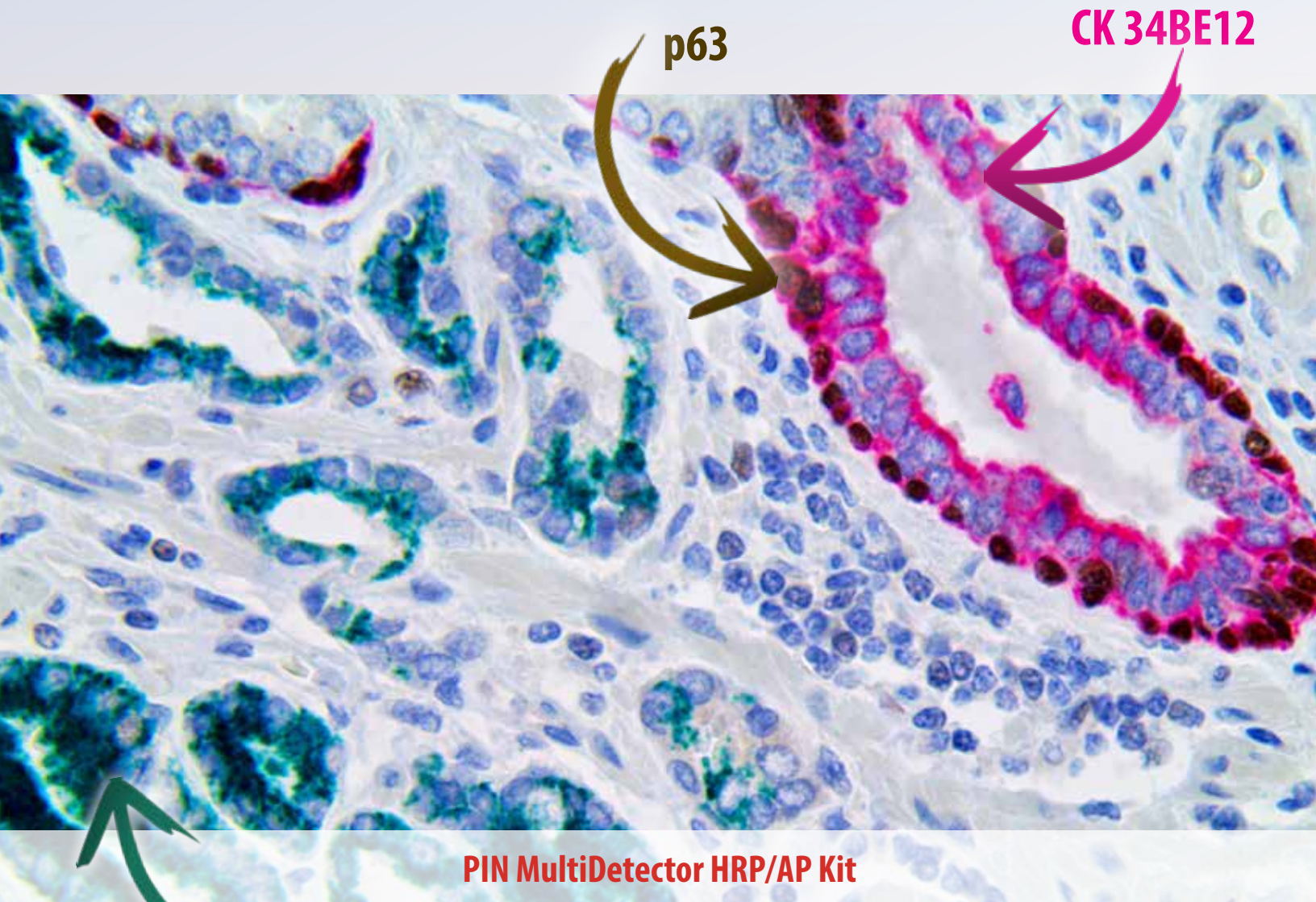


MULTIPLEX IMMUNOHISTOCHEMISTRY

Simple, Sensitive & Simultaneous Target Detection



*Simultaneously test for multiple
IHC targets on one tissue.*

*Reduction in labor
and reagent cost.*

Prostate Intraepithelial Neoplasia (PIN) MultiDetector HRP/AP Kit

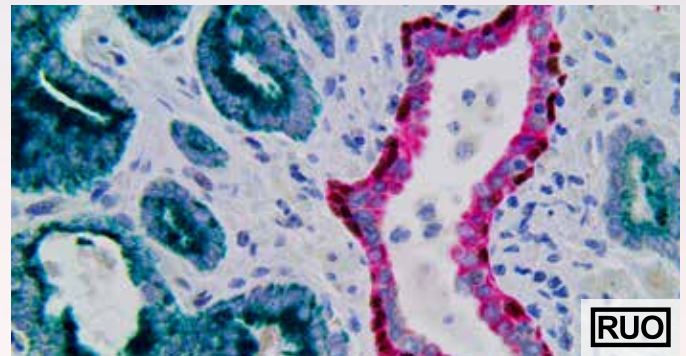
CK 34BE12, p63 & AMACR

The Prostate Intraepithelial Neoplasia (PIN) MultiDetector HRP/AP Kit is a Multiplex triple color IHC test designed to detect prostate cancer in the prostate glands. The basal cell indicators (p63 in DAB brown and CK34BE12 in Scarlet) stain non-affected glands and the AMACR in Green shows prostate tissue that may be affected by carcinoma. Prostate Intraepithelial Neoplasia (PIN) is a pre-cancerous condition of the prostate glands with a high predictive value for adenocarcinoma. An estimated third of men over 50 have a latent form of PIN, which could develop into a higher grade and eventually malignant carcinoma. High Grade (≥ 2) PIN (HGPIN) has morphological and genetic similarity to prostate adenocarcinomas, and adenocarcinoma presence and multifocality may be associated with the size and number of HGPIN foci.

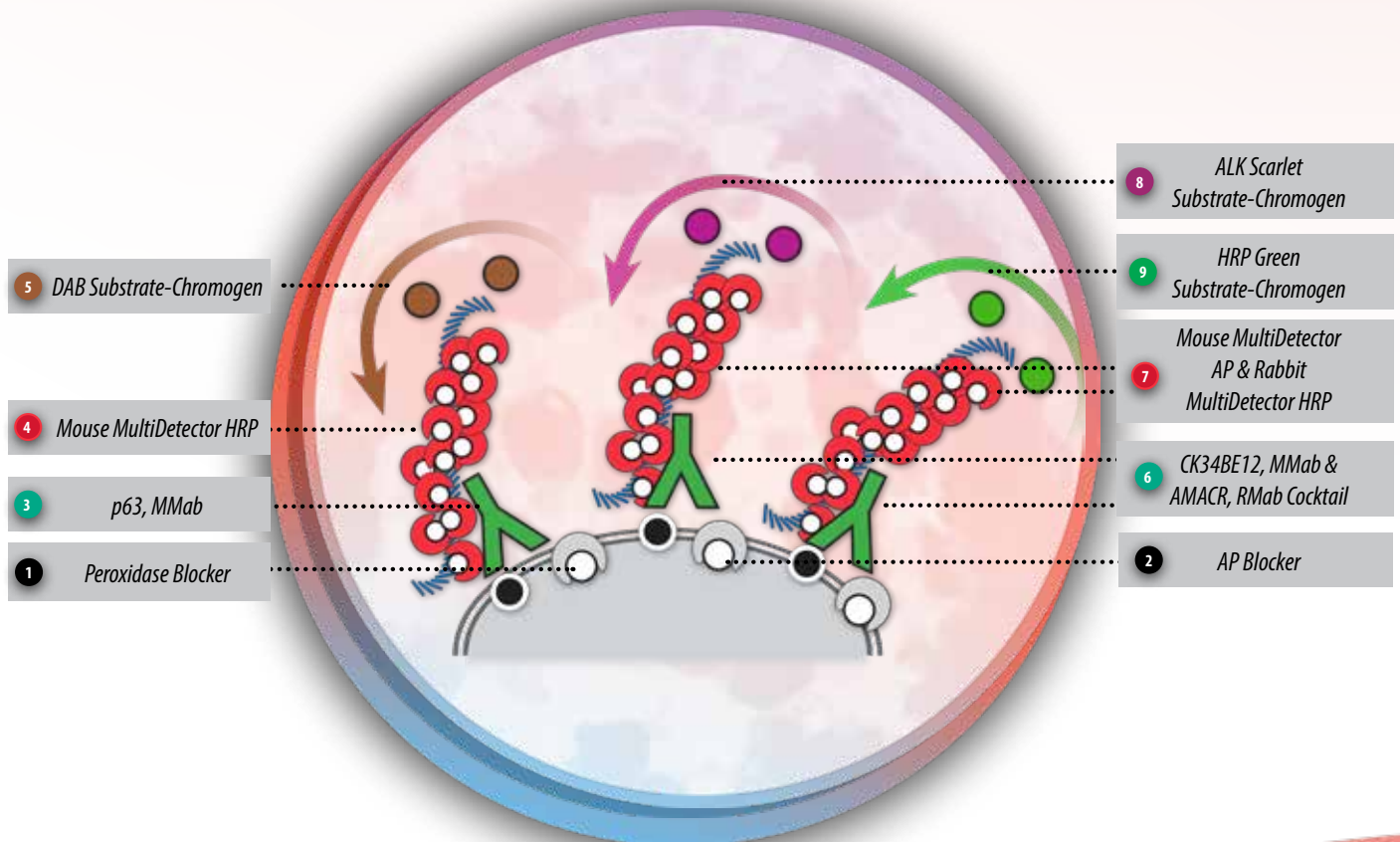
- p63 and CK34BE12 are expressed in basal cells of healthy prostate glands, but absent in adenocarcinoma.
- Alpha-methylacyl CoA racemase (AMACR) in the glands has been found at significantly higher near prostate carcinoma foci and can help distinguish PIN from benign lesions.
- Non-Biotin, Multidetector Fab Monomeric anti mouse & anti rabbit Immunohistochemistry detection technology.
- Micro-polymer detection technology allows for better cell penetration to deliver a highly specific and sensitive signal.
- Ready-to-Use, High Sensitivity System especially designed for Immunohistochemistry of formalin-fixed tissues.

PIN MultiDetector HRP/AP Detection Systems

Product Description	Volume	Catalog #
PIN MultiDetector	70 tests	BSB-0352-7
PIN MultiDetector	150 tests	BSB-0352-15
PIN MultiDetector	500 tests	BSB-0352-50



PIN MultiDetector HRP/AP Kit

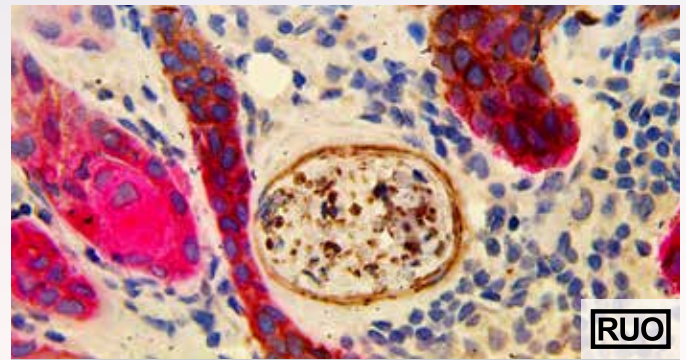


PNI Carcinoma MultiDetector HRP/AP Kit

CK 5/6 & NGFR

The PNI Carcinoma MultiDetector HRP/AP Kit is a dual stain that allows for the simultaneous visualization of skin carcinomas and nerve tissue. In cutaneous squamous and basal cell carcinoma, Perineural Invasion (PNI) is the infiltration of tumor within the perineural space. PNI is an uncommon manifestation of SCC and BCC but can indicate adverse outcomes including recurrence, metastasis, poor prognosis, and death. This kit has been optimized with MultiDetector HRP and AP Labels and contrasting chromogens to clearly differentiate tumor cells expressing High Molecular Weight cytokeratin (CK 5/6 in Scarlet) from nerve cells expressing Nerve Growth Factor Receptor (NGFR in Brown).

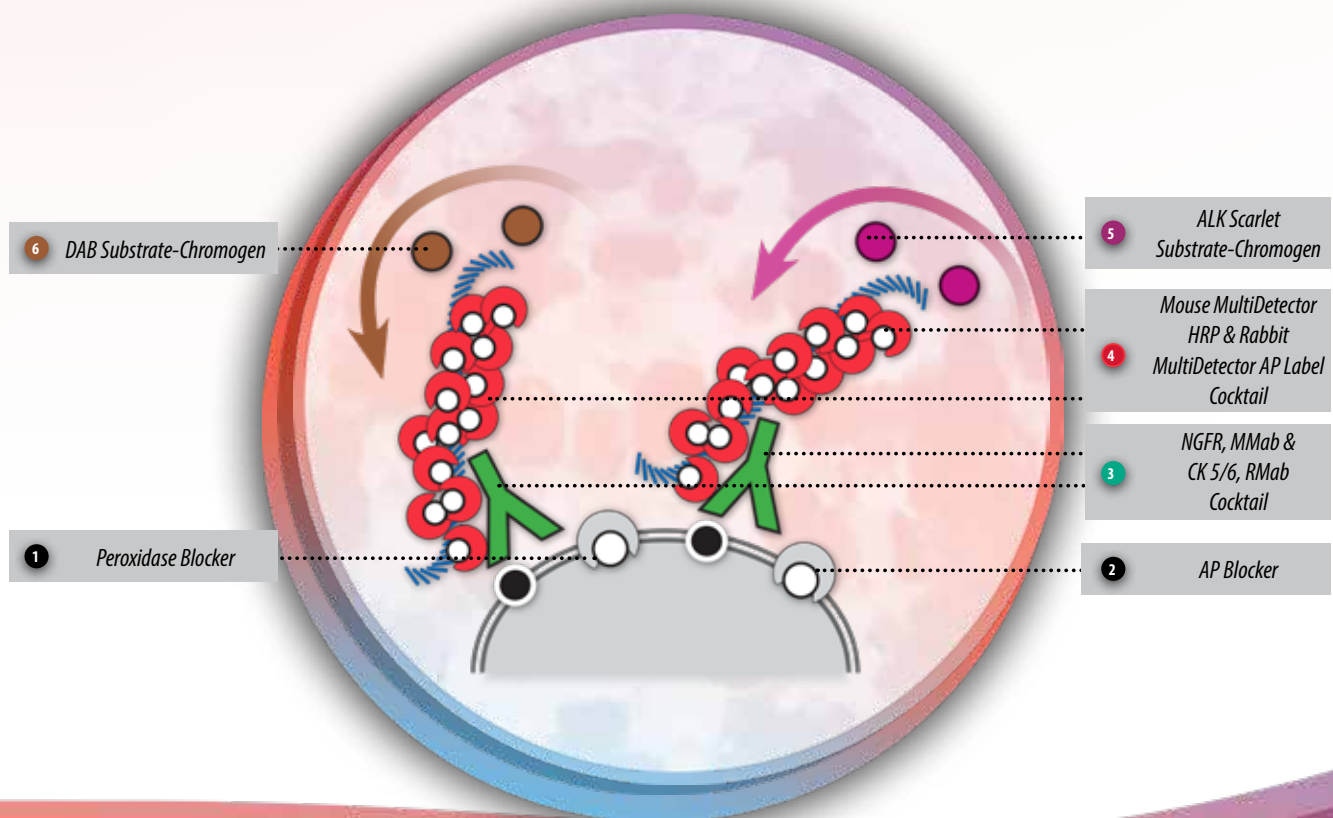
- IHC may be more accurate than routine sections in diagnosing PNI, with significant implications for patient staging, prognosis, and management.
- Multiplex IHC may further improve PNI detection by dual staining for cytokeratins (CK 5/6) and nerve marker (NGFR).
- Detects Squamous and Basal Cell Carcinomas and nerve bundles using FFPE tissues or frozen Mohs tissue sections.
- Non-Biotin, multidetector Fab monomeric anti mouse & anti rabbit Immunohistochemistry detection technology.
- Micro-polymer detection technology allows for better cell penetration to deliver a highly specific and sensitive signal.
- Ready-to-Use, High Sensitivity System especially designed for Immunohistochemistry of formalin-fixed tissues.



PNI Carcinoma MultiDetector HRP/AP Kit

PNI Carcinoma MultiDetector HRP/AP Detection Systems

Product Description	Volume	Catalog #
PNI Carcinoma MultiDetector	70 tests	BSB-0353-7
PNI Carcinoma MultiDetector	150 tests	BSB-0353-15
PNI Carcinoma MultiDetector	500 tests	BSB-0353-50



HPV MultiDetector HRP/AP Kit

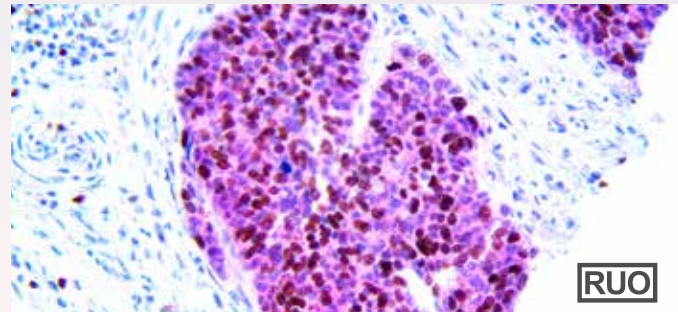
p16 & Ki-67

The HPV MultiDetector HRP/AP Kit dual stain includes a cocktail of Ki67 and p16 antibodies to form a sensitive and specific test for significant cervical lesions. Cervical Intraepithelial Neoplasia (CIN) is the precursor to cervical cancer, the second most common malignancy among women. Colocalized Ki67 and p16 help identify HPV related CIN, Genito Urinary and Head and Neck lesions, for proper diagnosis and prevention of under- or over-treatment. Detection of nuclear Ki67 with DAB chromogen and nuclear and cytoplasmic p16 with ALK Scarlet provides an easy visualization of the colocalized antibodies for efficient diagnosis on biopsies and liquid cytology samples.

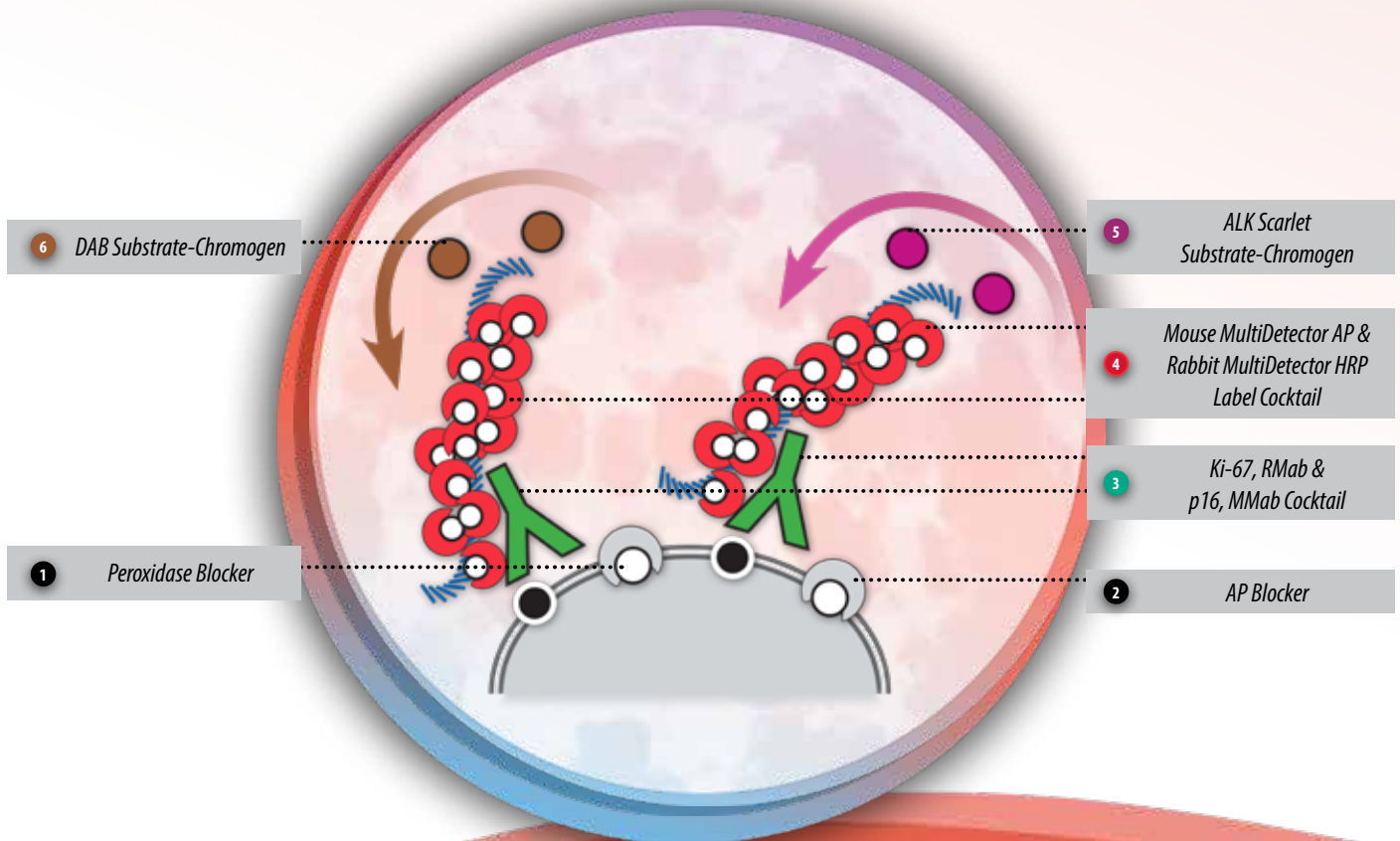
- p16 is a tumor-suppressor gene commonly used to detect squamous and glandular neoplasia in HPV-positive patients
- Ki67 is a nuclear cell proliferation marker, applied to diagnose the grade of abnormal cell growth.
- Non-Biotin, Multidetector Immunohistochemistry Detection Technology
- Micro-polymer detection technology allows for better cell penetration to deliver a highly specific and sensitive signal
- Ready-to-Use, High Sensitivity System especially designed for Immunohistochemistry of formalin-fixed tissues.

HPV MultiDetector HRP/AP Detection Systems

Product Description	Volume	Catalog #
HPV MultiDetector	70 tests	BSB-0354-7
HPV MultiDetector	150 tests	BSB-0354-15
HPV MultiDetector	500 tests	BSB-0354-50



HPV MultiDetector HRP/AP Kit



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