TECHNOLOGY

HONESTY

CREATES FUTURE

BONDS PARTNERSHIP





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MULTIPLEX IMMUNOHISTOCHEMISTRY PRODUCTS



CATALOGUE

MULTIPLEX IHC DETECTION KIT

Product Name	Product No.	Specification
nd6/V: 67 Detection Vit/immune oute charainter	SD9001	20 \sim 40 tests, 50 \sim 100 tests, 100 ~ 200 tests, 300 \sim 600 tests
p16/Ki-67 Detection Kit (immunocytochemistry)	SD9003	100-150 tests/kit
p16/Ki-67 Detection Kit (Immunohistochemistry)	SD9004	20 \sim 40 tests, 50 \sim 100 tests, 100 \sim 200 tests, 300 \sim 600 tests
Pio/Ki-o/ Detection Kit (illinitationistochemistry)	SD9005	100-150 tests/kit
34βE12/p63/AMACR Prostate Lesion Detection Kit	SD8009	100 tests/kit, 300 tests/kit
(immunohistochemistry)	SD8019	100~200 tests/kit

RTU MULTIPLEX IHC ANTIBODY

Product Name	Product No.	Specification	Clone
TTF-I&Napsin A Cocktail Antibody	SD8101	1ml/vial,3ml/vial,7ml/vial	Mym1-TTF1 +BP6083
CK5/6&p40 Cocktail Antibody	SD8102	1ml/vial,3ml/vial,7ml/vial	C6H1/C1C8 + BP6033
CK5/6&TTF-1 Cocktail Antibody	SD8103	1ml/vial,3ml/vial,7ml/vial	C6H1/C1C8 + Mym1-TTF1
Napsin A&p40 Cocktail Antibody	SD8104	1ml/vial,3ml/vial,7ml/vial	BP6083 + BP6033
CK5/6&p63 Cocktail Antibody	SD8105	1ml/vial,3ml/vial,7ml/vial	C6H1/C1C8 + BP6038
Calponin&p63 Cocktail Antibody	SD8106	1ml/vial,3ml/vial,7ml/vial	C6A12 + BP6038
Myosin Heavy Chain/p63 Cocktail Antibody	SD8107	1ml/vial,3ml/vial,7ml/vial	SMMS-1 + BP6038
E-Cadherin/p120 Cocktail Antibody	SD8108	1ml/vial,3ml/vial,7ml/vial	MyM1-ECAD + EP66
CK7/Calponin/p63 Cocktail Antibody	SD8109	1ml/vial,3ml/vial,7ml/vial	BP6060 + C6A12 + C2C10
CK7/Myosin Heavy Chain/p63 Cocktail Antibody	SD8110	1ml/vial,3ml/vial,7ml/vial	BP6060 + SMMS-1 + C2C10
p53/CK20 Cocktail Antibody	SD8111	1ml/vial,3ml/vial,7ml/vial	DO7 + C9E75
CD4/CD8 Cocktail Antibody	SD8112	1ml/vial,3ml/vial,7ml/vial	C9E15 + C2B11
PAX5/CD3 Cocktail Antibody	SD8113	1ml/vial,3ml/vial,7ml/vial	C12A5 + C3E7
CD138/MUM1 Cocktail Antibody	SD8114	1ml/vial,3ml/vial,7ml/vial	MyM1-CD138 + EP190
SATB2/CK20 Cocktail Antibody	SD8115	1ml/vial,3ml/vial,7ml/vial	EP281 + C7C11
pan-CK /Desmin Cocktail Antibody	SD8116	1ml/vial,3ml/vial,7ml/vial	AE1/AE3 + EP15

MILTUPLEX POLYMER DETECTION REAGENTS

Product Name	Product No.	Specification
DualStacker™Detection Kit (Dual Staining I)	SD8001	100 tests/kit, 300 tests/kit
Dualotacker Detection Nit (Dual Otalining I)	SD8011	100~200 tests/kit
DualStacker™Detection Kit (Dual Staining II)	SD8002	100 tests/kit, 300 tests/kit
Dual-stacker Detection Kit (Dual-staining ii)	SD8012	100~200 tests/kit
MicroStacker™ AP Polymer Detection Kit (Red)	SD8003	100 tests/kit, 300 tests/kit
SD8013	SD8013	100~200 tests/kit

SUBSTRATE CHROMOGENS

Product Name	Product No	. Specification
MicroStacker™HRP-Blue Kit	SD8004	2mL or 20 tests/kit, 10mL or 100 tests/kit, 30mL or 300 tests/kit
MicroStacker™HRP-Green Kit	SD8005	100 tests/kit, 300 tests/kit
MicroStacker™Basic Fuchsin Kit	SD8006	2mL or 20 tests/kit, 10mL or 100 tests/kit, 30mL or 300 tests/kit

CLINICAL SIGNIFICANCE

- 1. Multiple targets can be clearly observed on a single slide, with different cellular localization. Detects micro-infiltrations of tumors, making the diagnosis more accurate.
- 2. Easy interpretation of staining results.
- 3.Streamlined protocal, shortened turnaround time.
- 4. Save precious tissue samples, especially useful for tissue biopsies.

PRODUCT STRENGTH



Optimized cocktail antibody technology

RTU cocktail primary antibodies are provided for streamlined protocol and faster turnaround time.



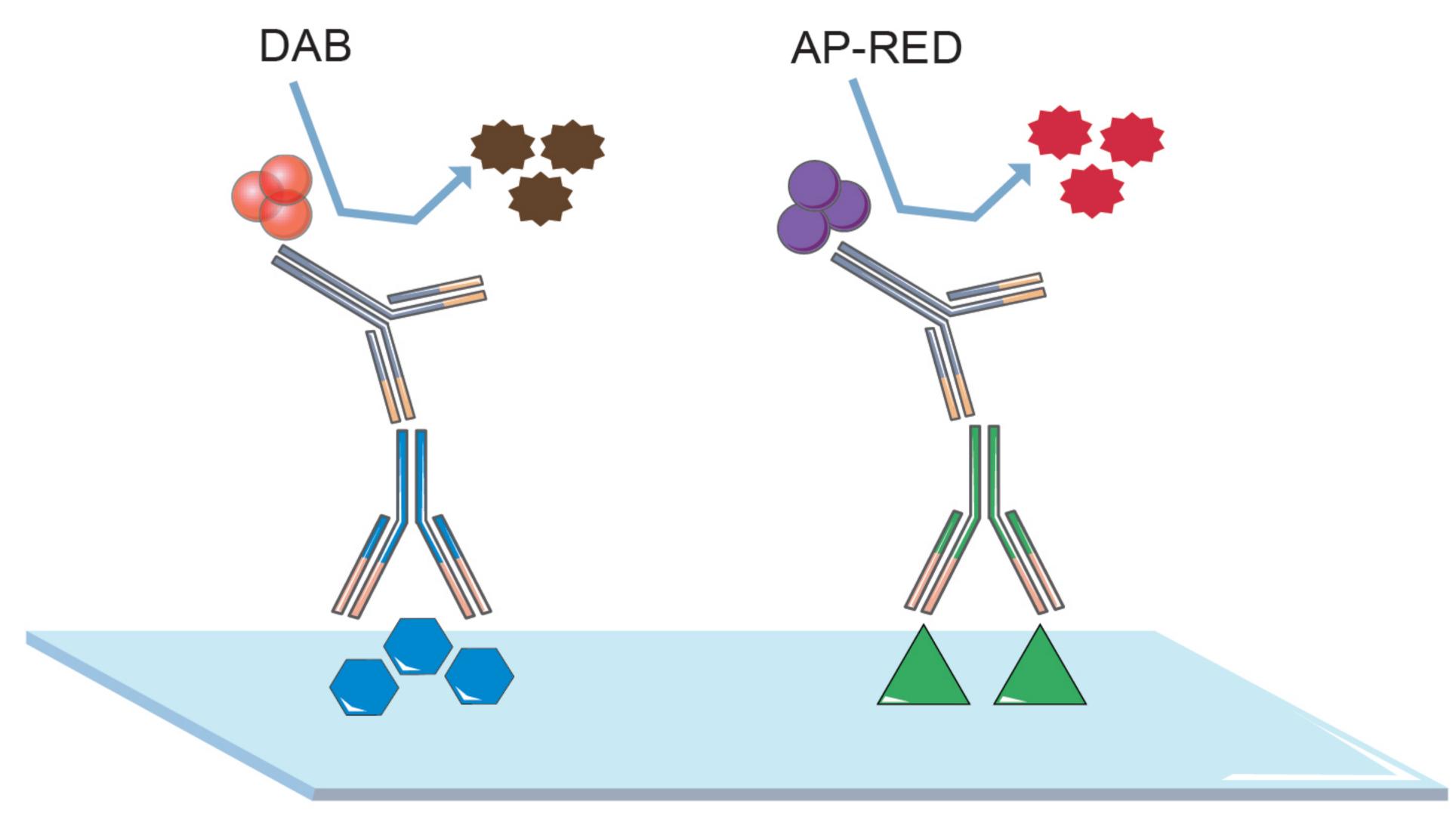
DualStacker™ detection kits

The proprietary DualStacker[™] detection kits empowers rapid multiplex protocols with excellent signal-to-noise ratio and minimum background. Feature our MicroStacker[™] Polymer technology with outstanding sensitivity and specificity.



Support both instrument and manual protocols

RTU kits for both full-automatic instruments and manual protocols are provided.



Principle for Multiplex IHC

p16&Ki-67 Detection kit

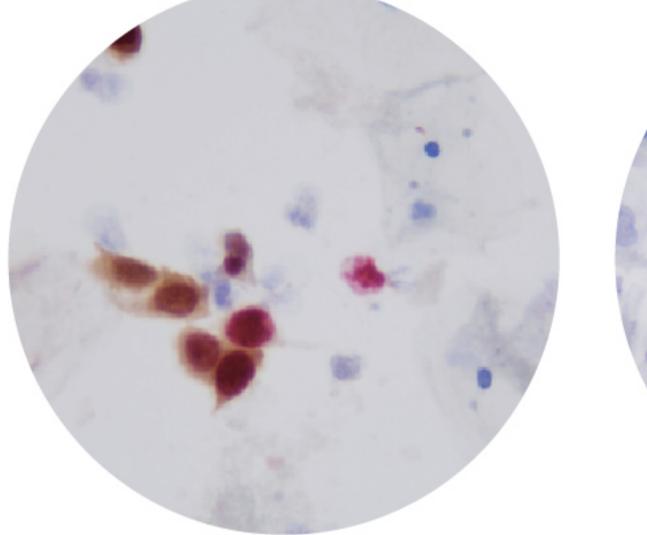


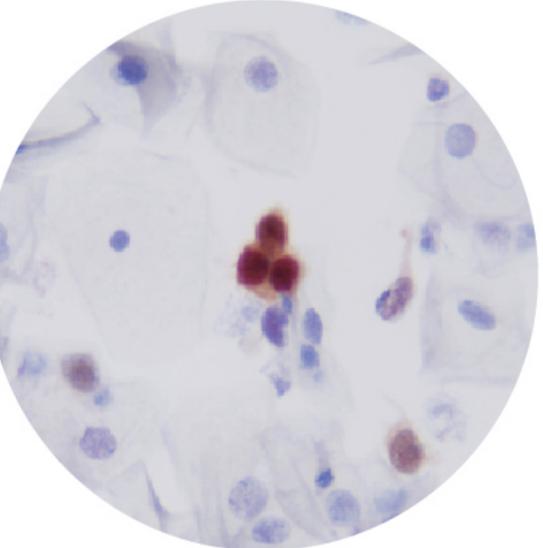
Product Introduction

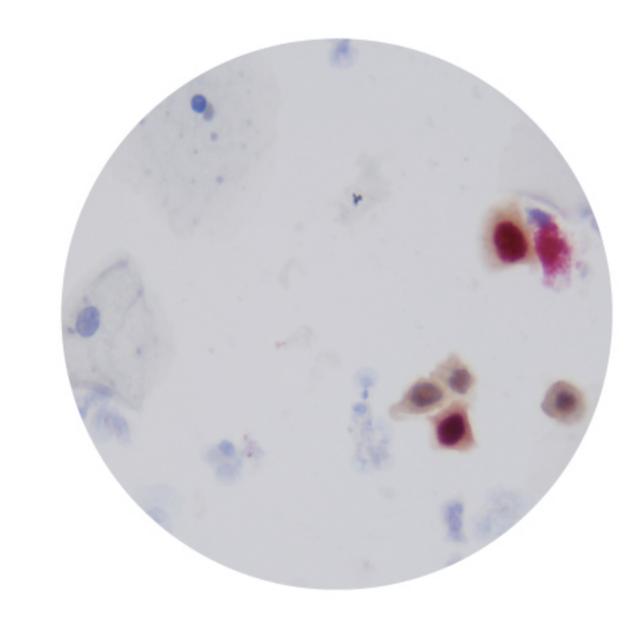
Ki-67 and p16 are two biomarkers that are commonly used in the diagnosis and prognosis of cervical cancer. Ki-67 is a marker of cell proliferation, while p16 is a marker of cell cycle arrest. Dual staining of Ki-67 and p16 in cervical tissue samples and cervical smear can provide valuable information in classifying the patient's cervical intraepithelial neoplasia (CIN) grading. This information can help in determining the appropriate treatment for the patient and in guiding follow-up care.

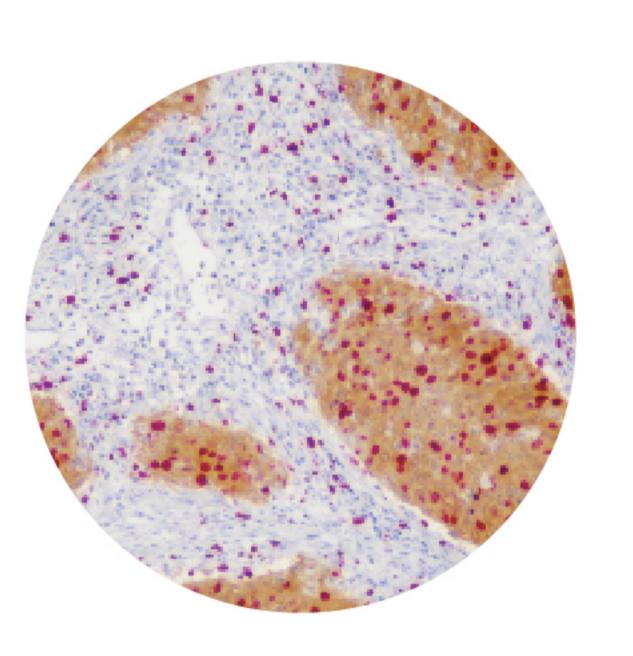


Staining Result









Double-stained positive cells: the cytoplasm is brownish-yellow and the nucleus is red.

p16&Ki-67 cervical smear

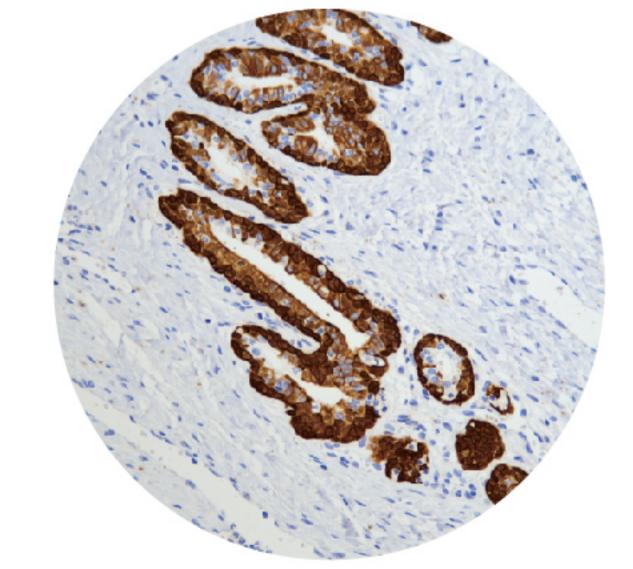
p16& Ki-67 cervical tissue section

Prostate Lesion Detection kit

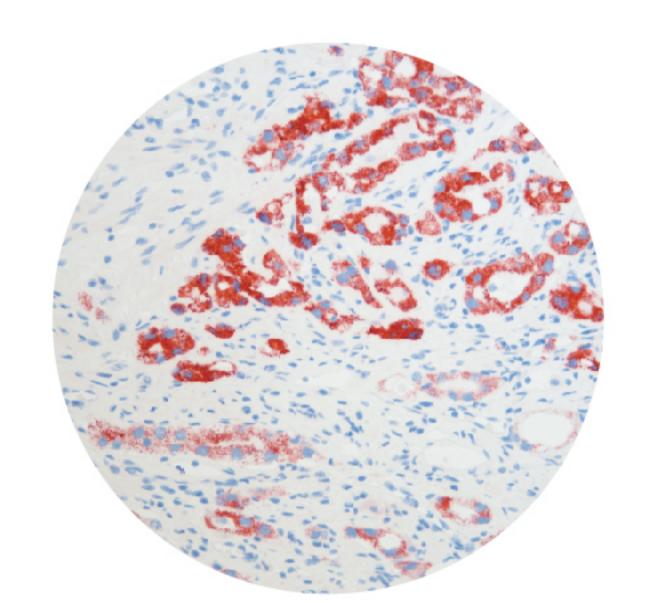
The use of the CK HMW/p63/AMACR panel can help to distinguish between benign prostate tissue, atypical small acinar proliferation (ASAP), high-grade prostatic intraepithelial neoplasia (HGPIN), and prostate cancer. The combination of CK HMW and p63 is useful in identifying basal cells, which are present in benign tissue and HGPIN, but absent in prostate cancer. AMACR, on the other hand, is highly expressed in prostate cancer, making it a useful marker for cancer detection.



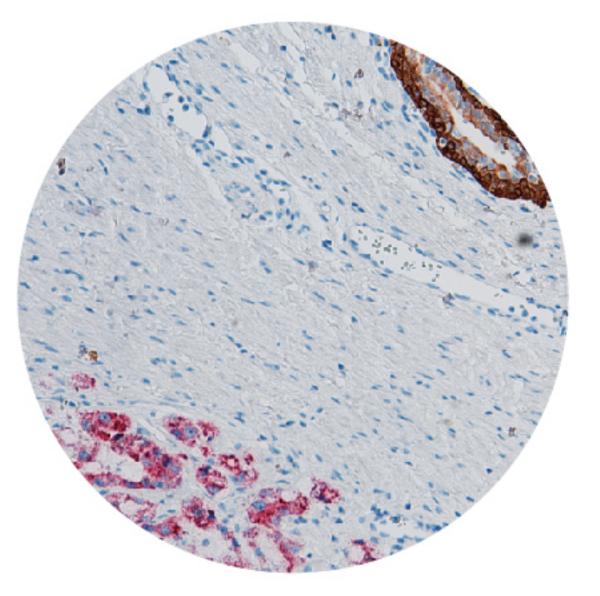
Staining Result







AMACR in prostate carcinoma



34 β E12&p63 in prostate basal cells, AMACR in prostate carcinoma

CK5/6&TTF-1 Cocktail Antibody

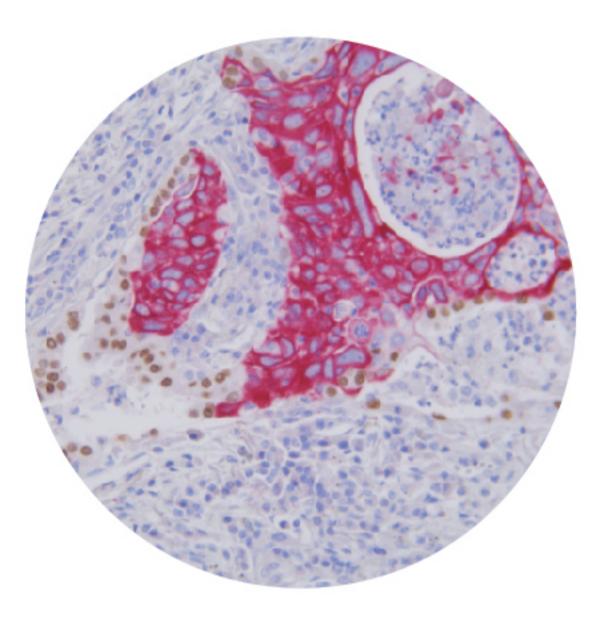


Product Introduction

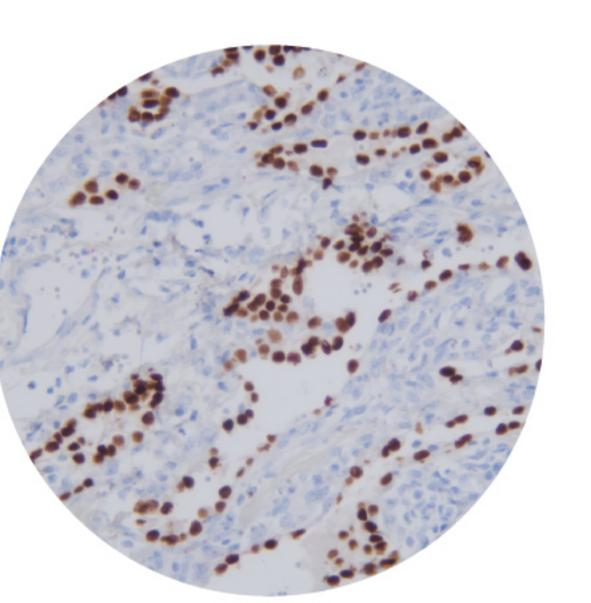
The CK5/6 & TTF-1 panel is useful in differential diagnosis of between squamous cell carcinoma (SCC) and adenocarcinoma (ADC) of the lung. CK5/6 is highly expressed in SCC, while TFF-1 is highly expressed in ADC.



Staining Result



TTF-1 nucleus negative; CK5/6 cytoplasm red squamous cell carcinoma of the lung



TTF-1 nucleus brown; CK5/6 cytoplasm negative lung adenocarcinoma

DualStacker™Detection Kit (Dual Staining I)



Product Introduction

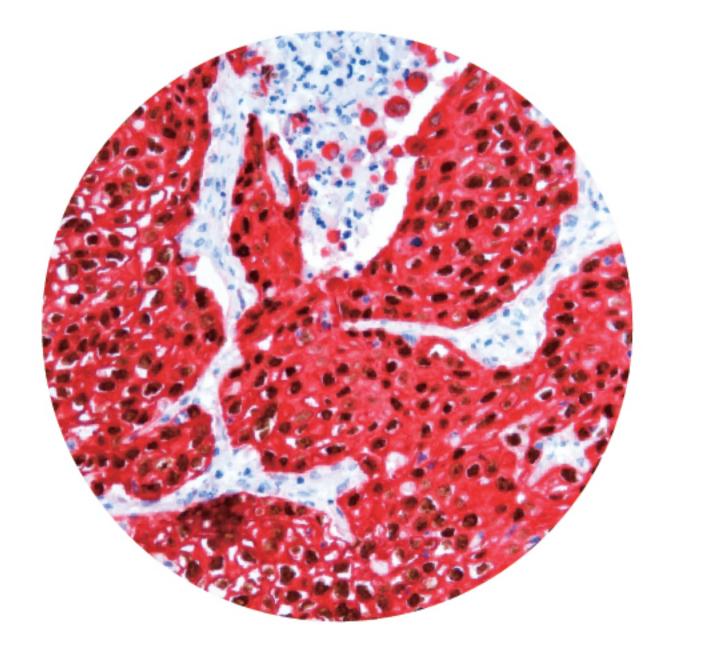
HRP(Mouse) & AP(Rabbit) DualStacker™ Detection kit (Dual Staining I) is an immunohistochemical detection kit based on two enzyme-labeled micropolymers and can detect 2 to 4 antigen targets simultaneously on a single slide. It features Celnovte's biotin-free MicroStacker™ polymer technology with high sensitivity and specificity. The kit is based on horseradish peroxidase-labeled anti-mouse polymer and alkaline phosphatase-labeled anti-rabbit polymer. The results features a red-brown color combination, with HRP activity shown in brown by DAB chromogen and AP activity shown in red by Fast Red chromogen. The reagents in this kit are thoroughly validated using our RTU cocktail antibodies and will perform optimally when the two target antigens are expressed in different cell compartments or different cell types.



Staining Result



CD20 mouse brown & CD3 rabbit red tonsil



P63 mouse brown & CK5 rabbit red squamous cell carcinoma of the lung