



CNT300 **FDA**

Fully automatic immunohistochemistry stainer

Innovative Intuitive Reliable Economical



CELNOVTE

Email: info@celnovte.com
Phone: 401-209-4076
Website: www.celnovte.com/
Address: 9430 Key W Ave, Rockville, MD 20850





CNT300

Fully automatic immunohistochemistry stainer

3 independent slide trays with 30 slides total capacity
Continuous access to slide trays and reagents during run, can run multiple protocols in parallel.

MircroStacker™

The Dedicated Detection System

The innovative MicroStacker™ technology allows for the orientation-controlled attachment of Fab’ fragments of IgG on the poly-HRP core based on micro-polymer scaf folds.

The proprietary Fab’ labeling methods avoids the occasional blocking of the antibody binding site during the bioconjugation process, thus increase the sensitivity of the polymer.

Biotin-free detection eliminates background staining due to endogenous biotin.

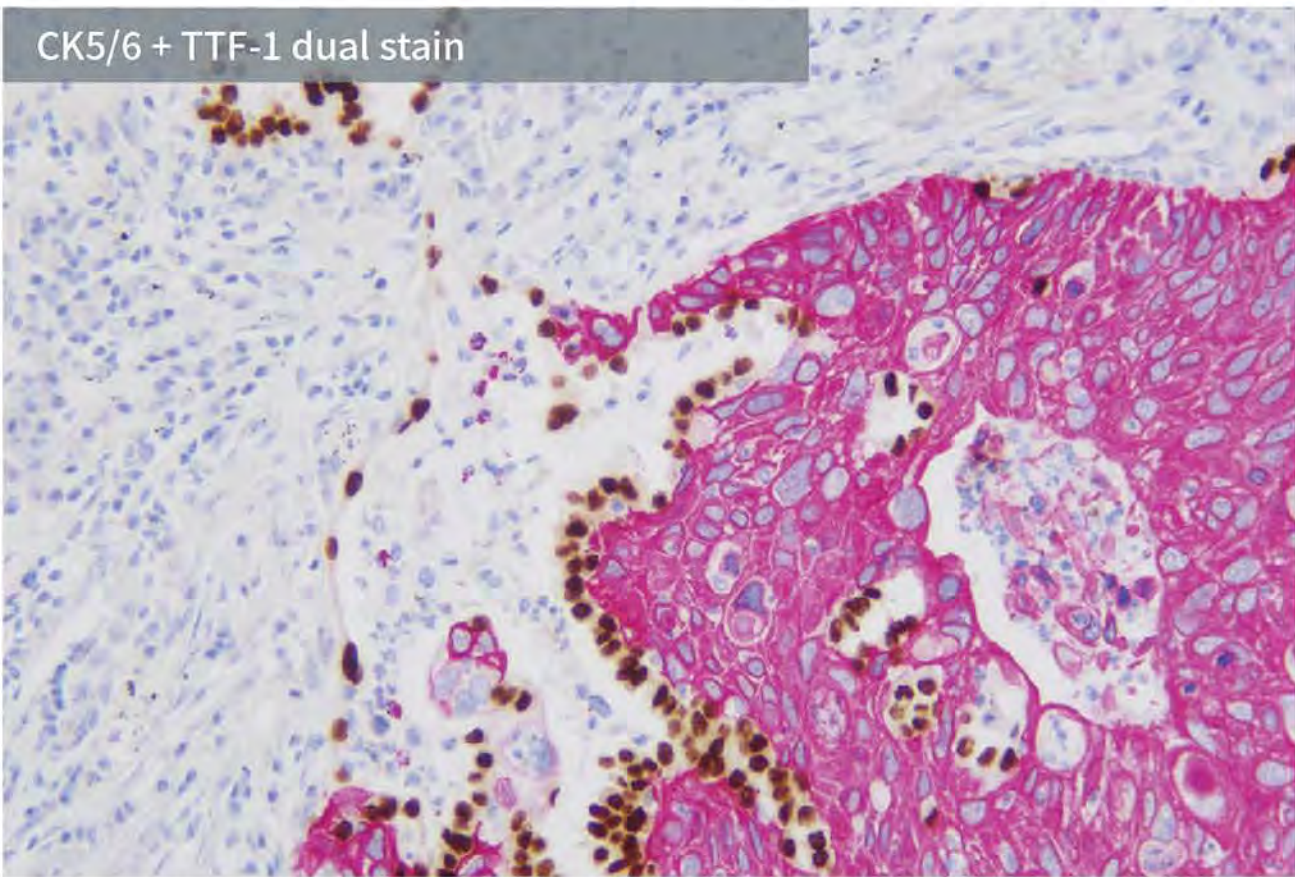


Product Specifications

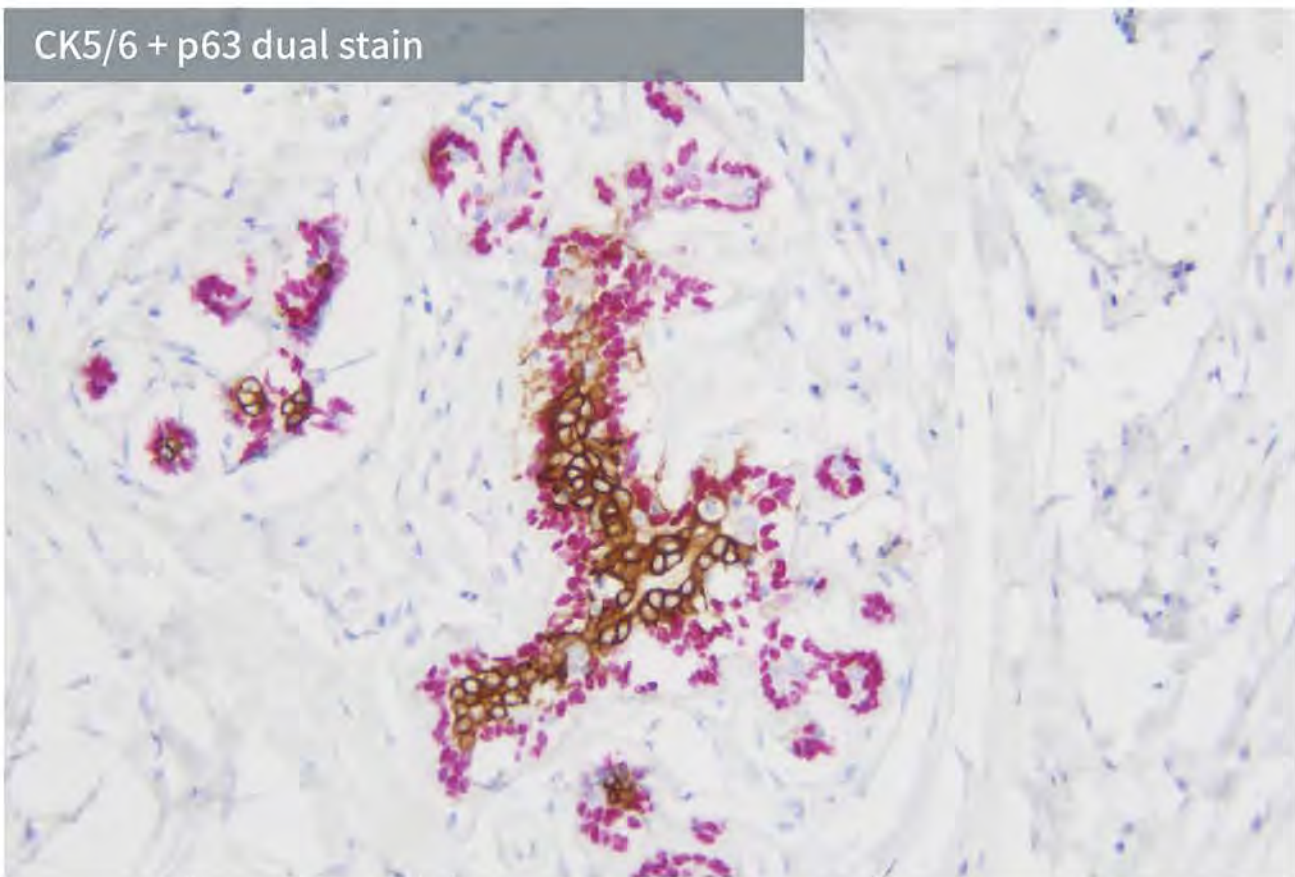
General characteristics		
Full-automatic	Baking, deparaffinization, antigen retrieval, blocking, detection, counterstain, for IHC, Multiplex IHC and ISH applications.	
Intuitive software interface	Visual monitoring of reagent volume, running time, fault message.	
Waste Separation	Non-toxic deparaffination solution. Separate waste containers for hazardous waste (DAB waste) and non-hazardous waste. Help labs save both time and money spent on waste disposal.	
Slide Capacity	3 trays, 30 slides, 10 slides per tray;	
Multifunctional	Support IHC、ISH 、mIHC、ICC protocols	
TurnaroundTime	2.5-4 hrs	
Temperature control	30 individual heating units, slides can be heated up to 100℃ for antigen retrieval	
Dispense volume	Dispense volume can be adjusted between 80ul - 120ul for optimal staining results.	
Reagent container capacity	7ml and 30ml	
Number of reagent container spots	36	
Bulk liquid container	2.5L	
Waste containers	2.5L / 18L	
Fluid probe	PTFE coated titanium alloy	
Environmental requirements		
Operating temperature	5℃~ 35℃ (41F ~ 95F)	
Maximum heating energy output	1200VA	
Dimensions (L x W x H)	794mm x 770mm x 850mm	
Weight	225KG	
Electrical parameters		
Voltage and Mains frequency	AC 110V/60Hz or AC 220V/50Hz	
Power consumption	1200VA	

MIHC RTU Multiplex IHC kits available

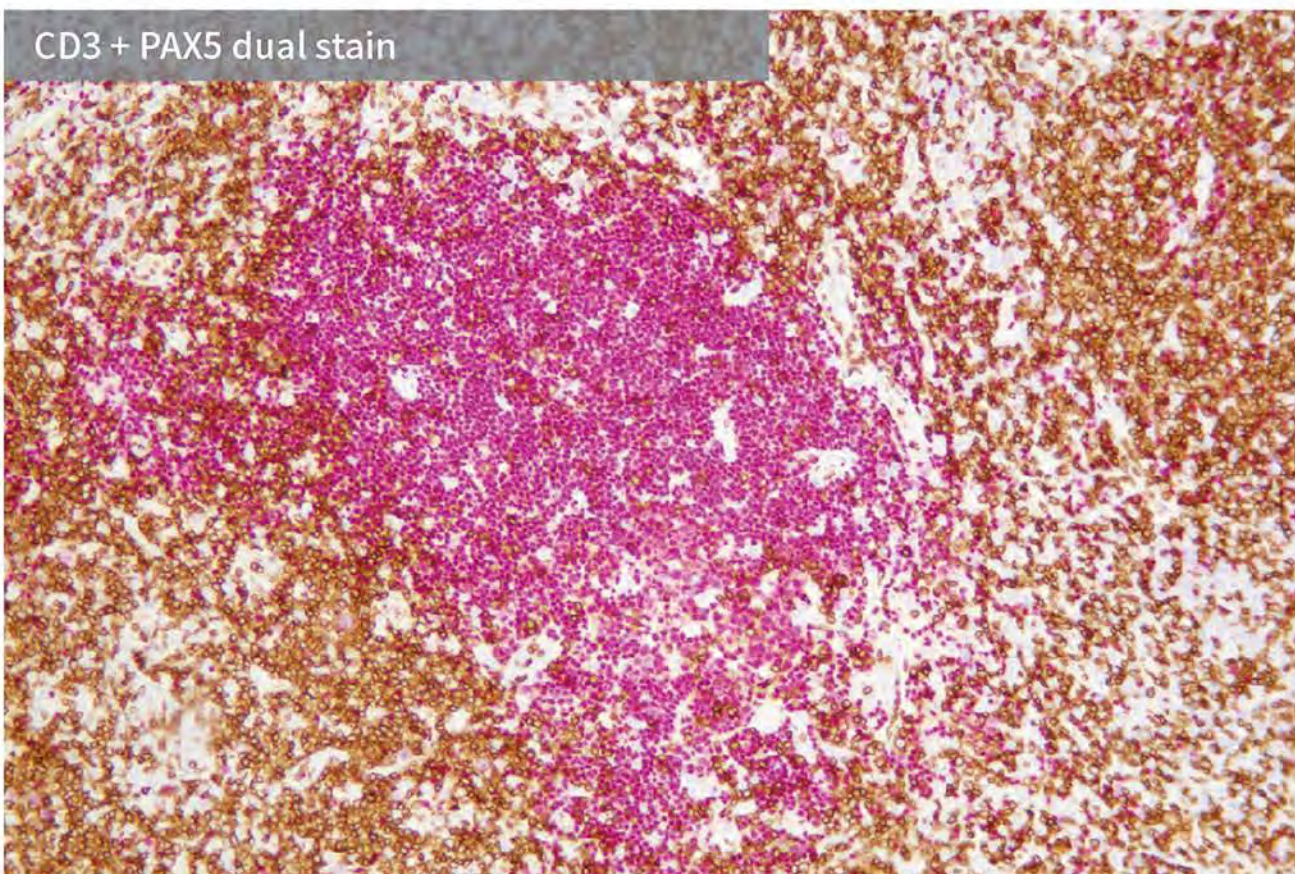
An optimized antibody cocktail technology



Lung adenocarcinoma (CK5/6 Brown, TTF-1 Red)

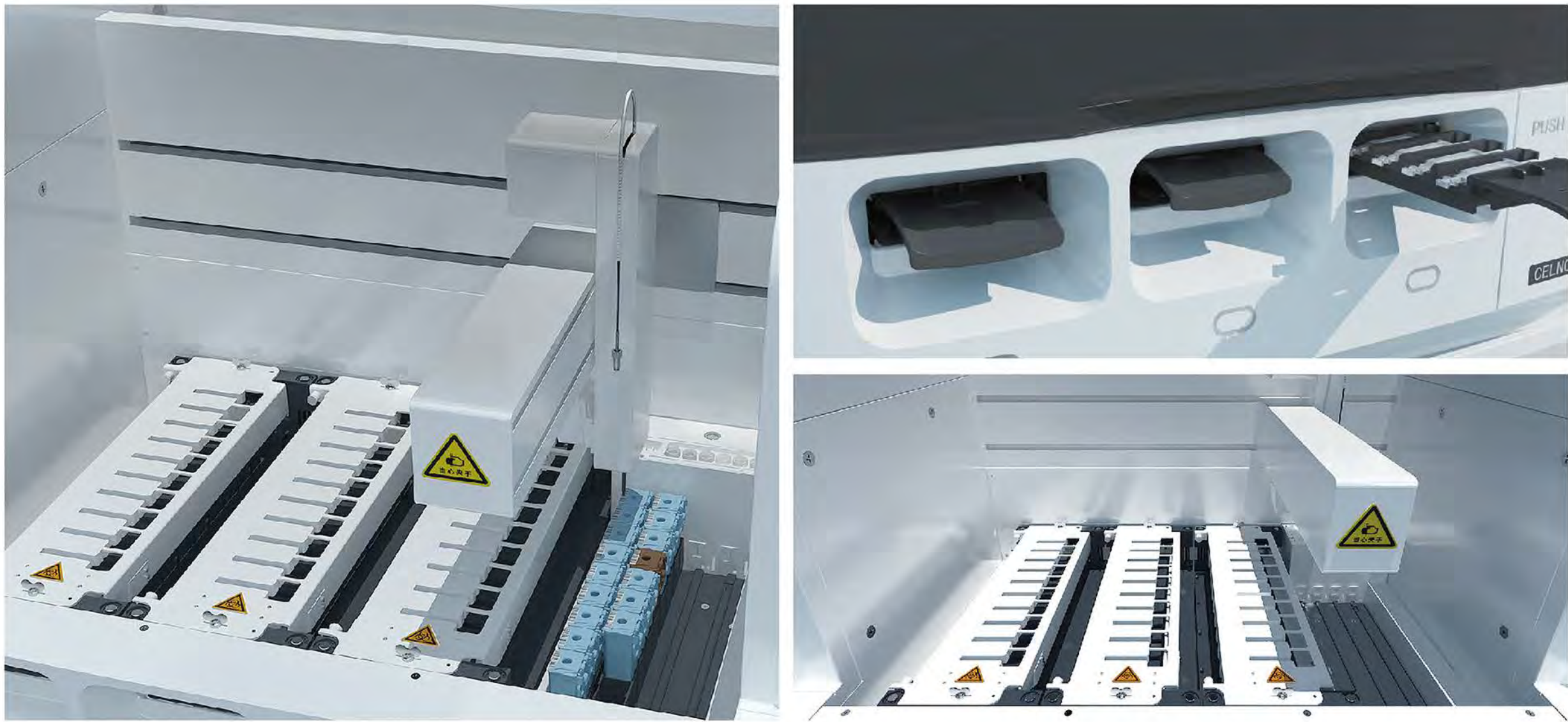
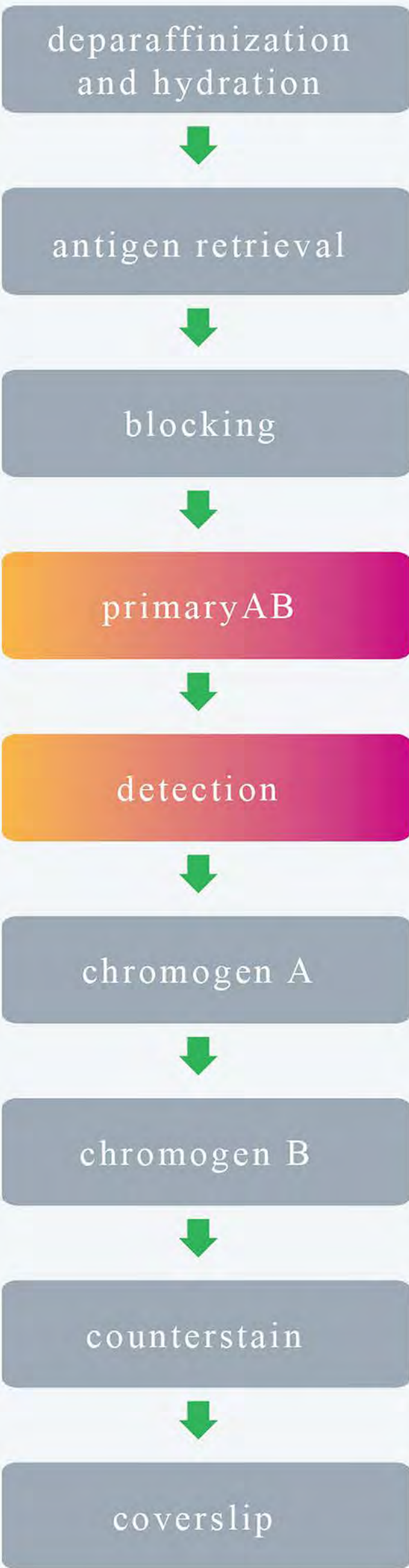


Normal breast ductal (CK5/6 Brown, p63 Red)



lymphoma (CK3 Brown, PAX5 Red)

Staining Process



PRODUCT FEATURES



Full-automatic

Baking, deparaffinization, antigen retrieval, blocking, detection, counterstain, for IHC, Multiplex IHC and ISH applications.



Reliable

Real-time monitoring and tracking; identify labels by both camera and Infrared to avoid human error.



Multifunctional

Support IHC、ISH、mIHC、ICC protocols



Economical

Dispense volume can be reduced to 80ul to reduce cost.



High Resolution

The innovative MircroStacker™ polymer technology ensures sensitive & specific detection.



Intuitive

Easy-to-use user interface
Visual cues on reagent volume and program status.



Flexible

Ability to continuously load and unload slides during run; Multiple devices can be controlled by a central computer; Customizable staining protocols; Hospital LIS system supported.

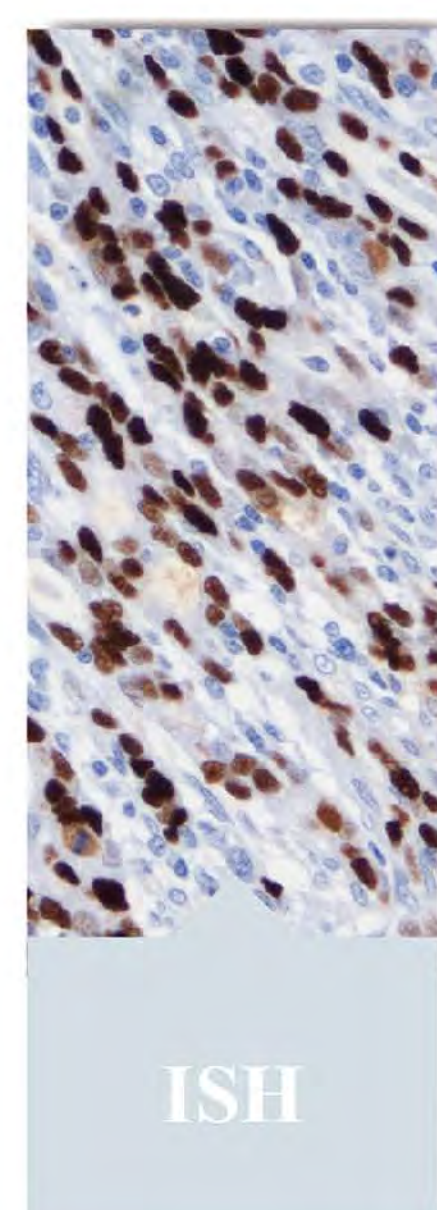
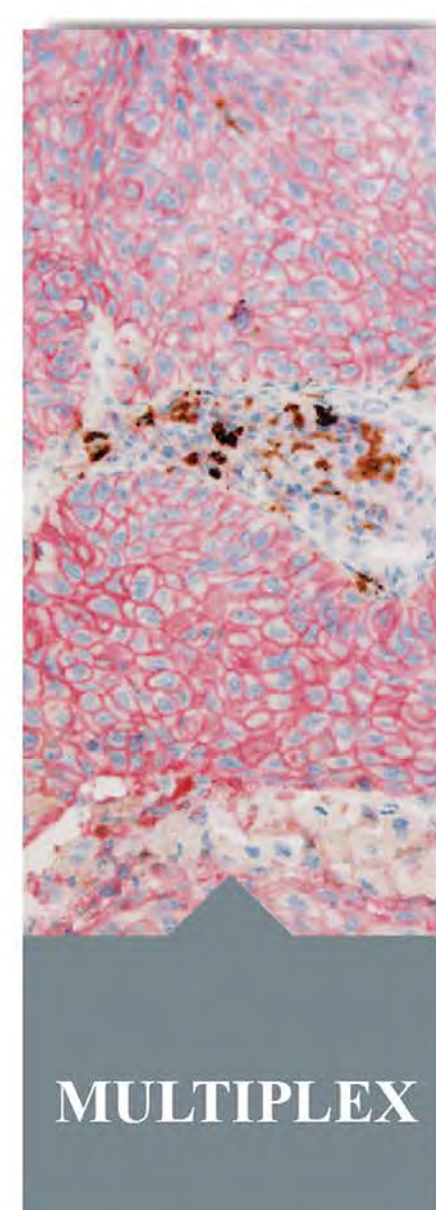
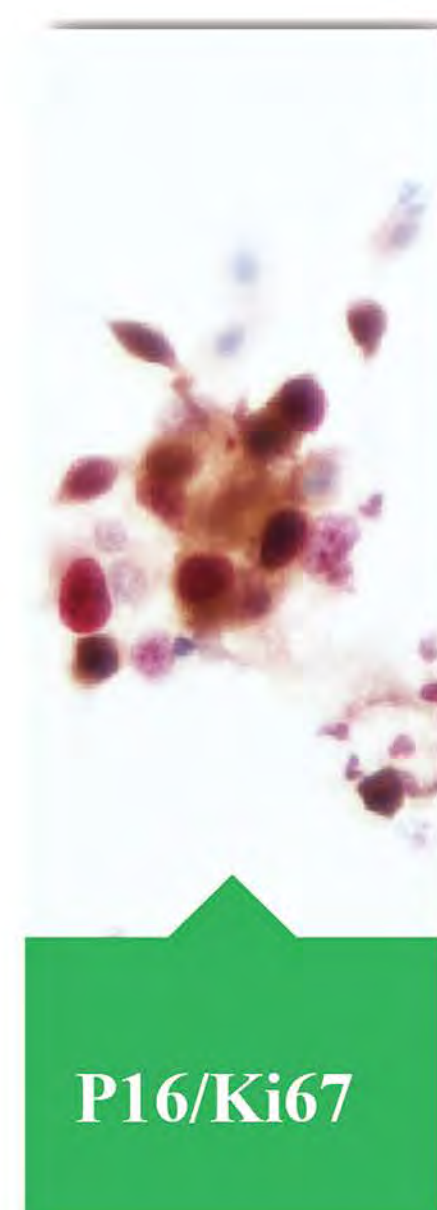
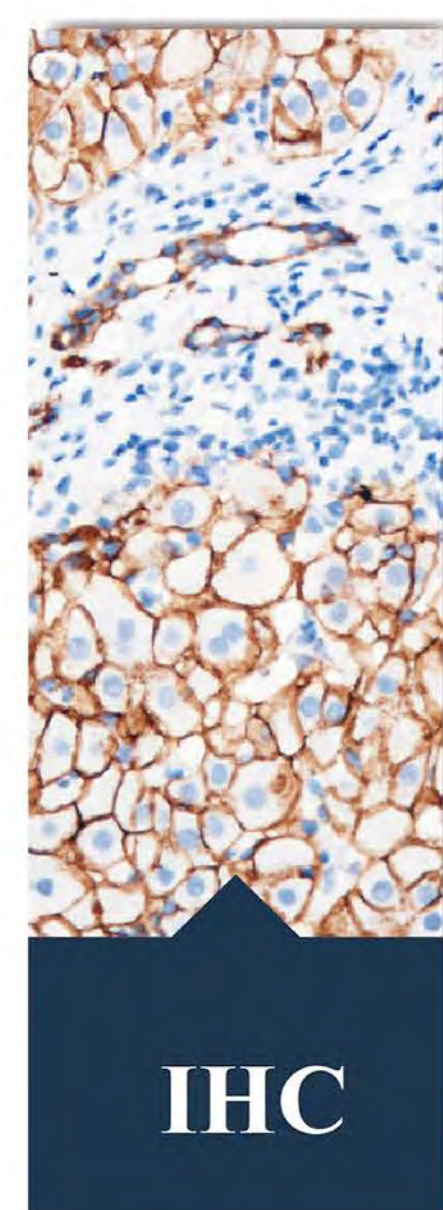


Eco - Friendly

Separate waste containers for hazardous waste (DAB waste) and non-hazardous waste. Help labs save both time and money spent on waste disposal.

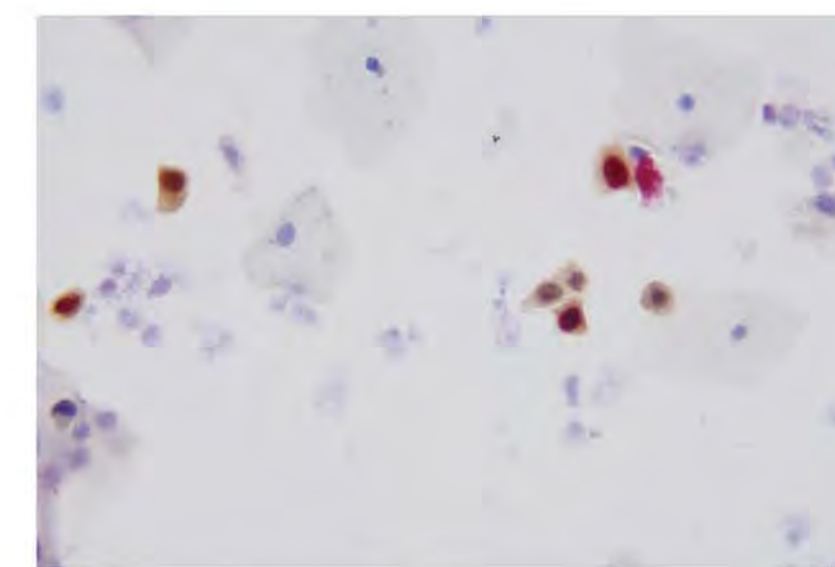
CNT300 FDA

Full-automatic MULTIPLEX IHC Stainer

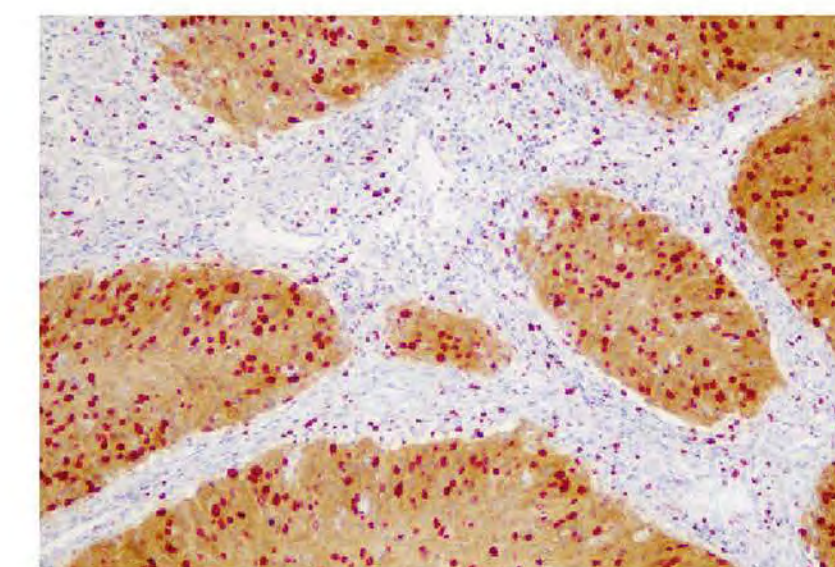


ICC P16 & Ki67 Dual Stain Kit

Detect two antigens at the same time



P16 & Ki67 / Pap smear



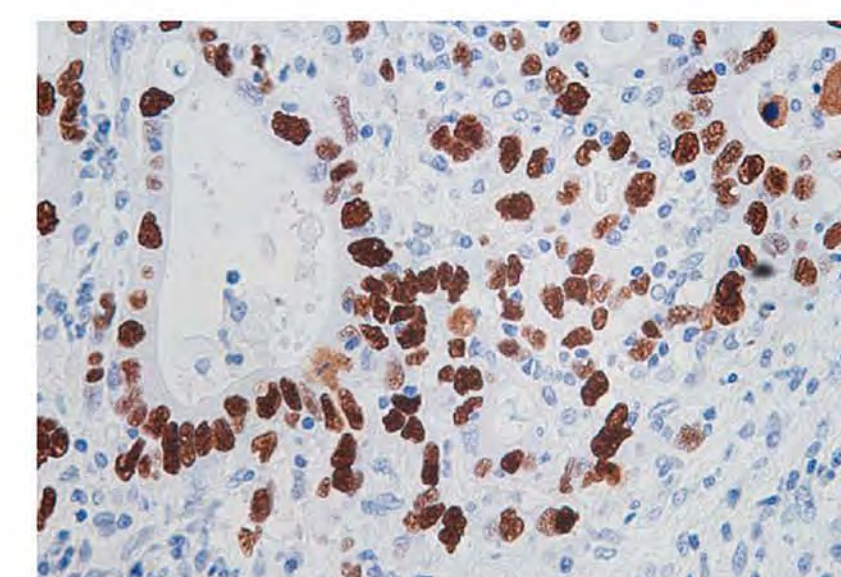
p16 & Ki67 cervical tissue section

Staining Process

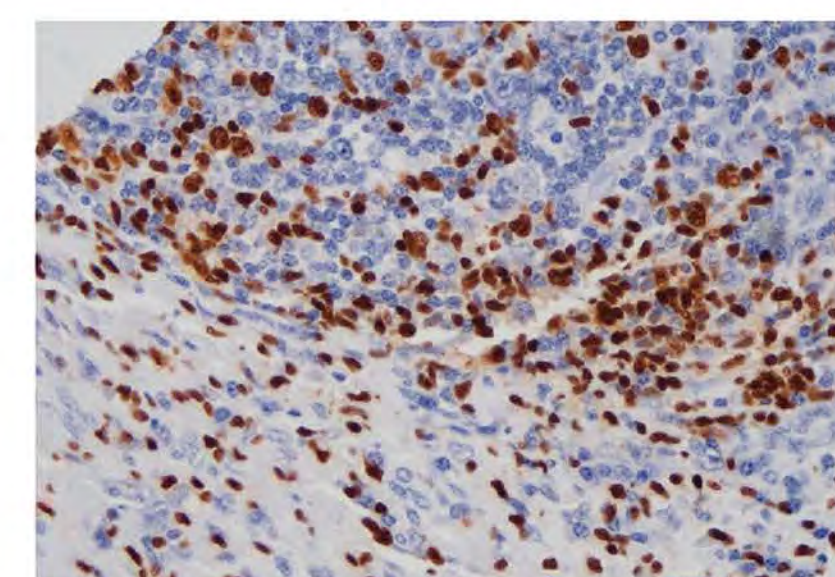


ISH in situ hybridization Products

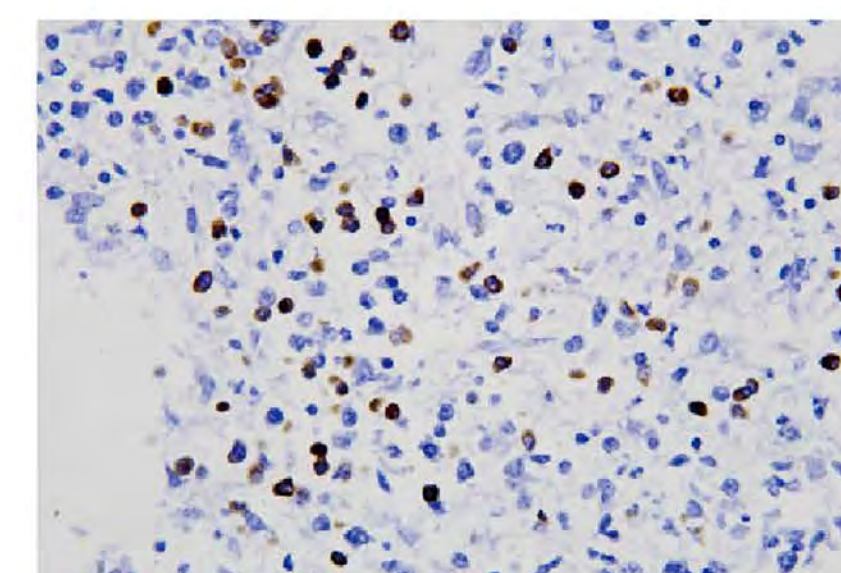
Gold standard for Epstein-Barr virus infection



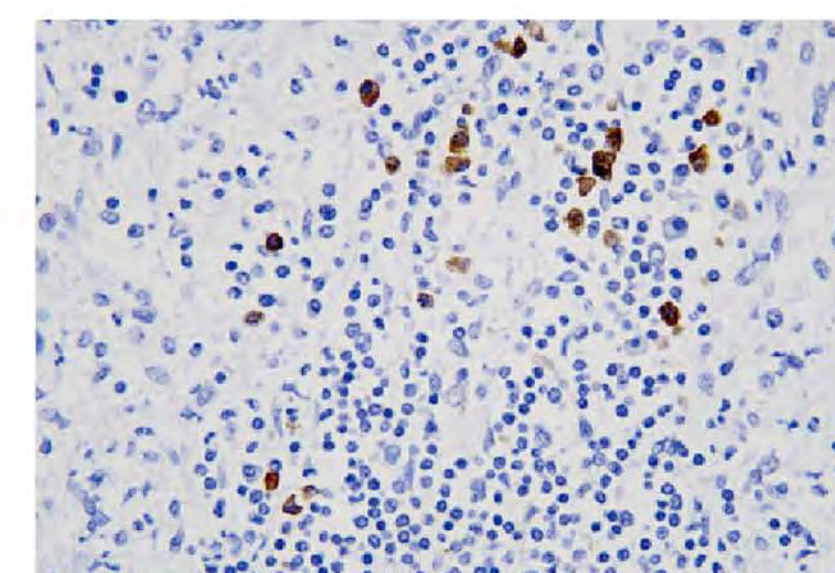
EBER Gastric Cancer



EBER Lymphoma



Kappa Probe



Lambda Probe