p16^{INK4a}
new IVD Biomarker from DBS

The novelties in our product range

The p16 clone JC2 from Diagnostic BioSystems can now be used for in vitro diagnostic (IVD).

Biosystems AG has tested it on FFPE human HPV+ cervical biopsy sections (Fig. 1A-B) and on the HPV/p16 Analyte Control Block sections (Fig. 1C) from Histo Cyte Laboratories with optimal results.

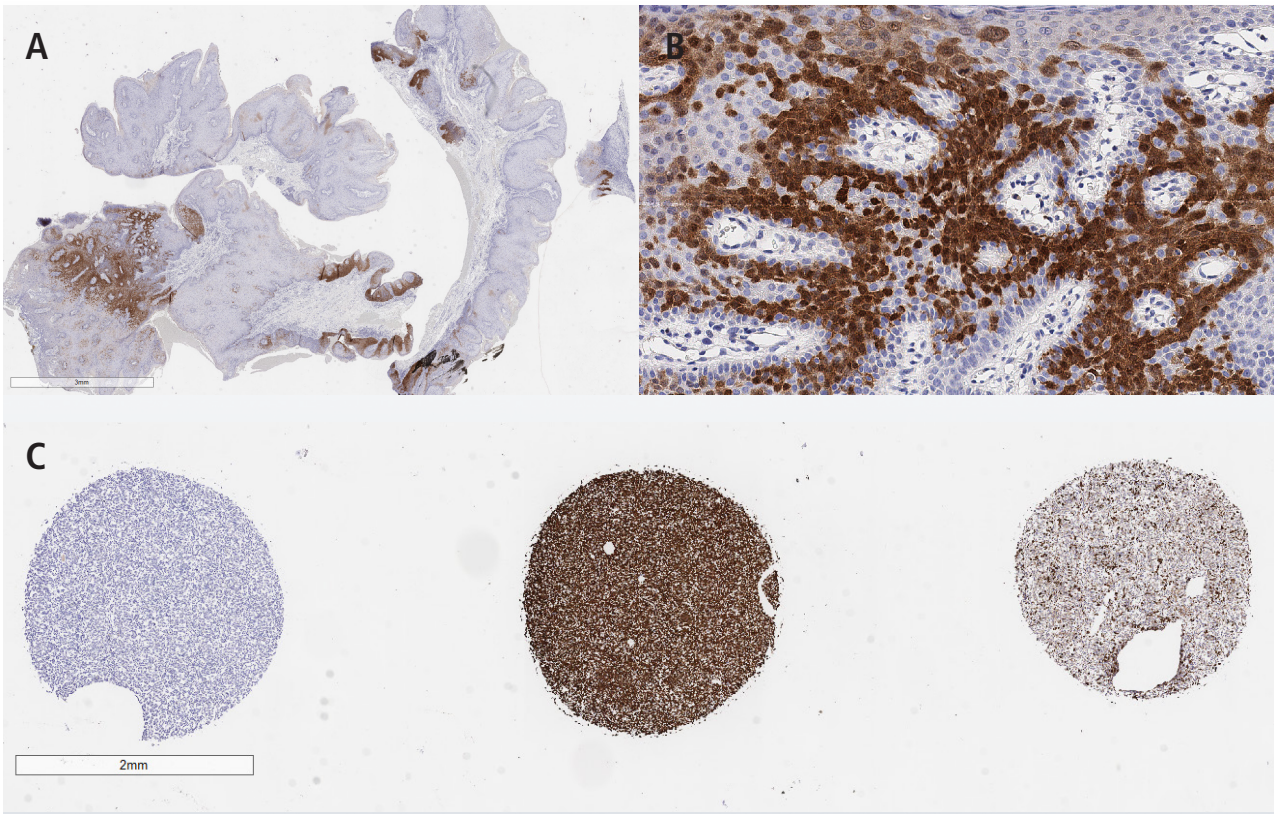

Figure 1: (A) Overview of FFPE HPV+ cervical biopsy positive for p16 staining. (B) Higher magnification of FFPE HPV+ cervical biopsy showing p16 positive cells. (C) HPV/p16 Analyte Control Block, contains 3 cell lines that demonstrate negative, high and medium (from left to right) expression of high risk human papillomavirus types 16 and 18.

Detection of p16 antigen was conducted by IHC with Leica BOND III using following reagents and optimized parameters:

- Antibody : Mouse monoclonal IgG2a anti human p16INK4, clone JC2 from DBS
- Concentration : Dilution 1:50 in Bond Primary Antibody Diluent, incubation 30min
- Tissues : FFPE human cervical biopsy and HPV/p16 Analyte Control Block (HCL006, lot CB1.20)
- Pre-treatment : HIER 20min 95°C with ER2
- Detection kit: DAB Refine

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p16^{INK4a} CYCLIN-DEPENDANT KINASE INHIBITOR 2A

Item Number	Description	Amount	Price CHF (excl. VAT)
Mob575-01	p16 JC2 - CE/IVD	0.1ml - conc.	143.–
Mob575-05	p16 JC2 - CE/IVD	0.5ml - conc.	579.–
Mob575	p16 JC2 - CE/IVD	1ml - conc.	1098.–
PDM575	p16 JC2 - CE/IVD	6 ml predilute	313.–
PDM575-25	p16 JC2 - CE/IVD	25ml predilute	783.–
HCL004	HPV/p16 Analyte Control, 3 Cell lines, RUO	2 unstained slides	20.–
HCL005	HPV/p16 Analyte Control, 3 Cell lines, RUO	5 unstained slides	45.–
HCL006	HPV/p16 Analyte Control, 3 Cell lines, RUO	1 Block	899.–
HCL001	HPV/p16 Dynamic Range Analyte Control, 4 cell lines, RUO	2 unstained slides	24.–
HCL002	HPV/p16 Dynamic Range Analyte Control, 4 cell lines, RUO	5 unstained slides	54.–
HCL003	HPV/p16 Dynamic Range Analyte Control, 4 cell lines, RUO	1 Block	1079.–

For further information

Please contact us at **+41 61 795 96 10**,
info@biosystems.ch or directly
under **www.biosystems.ch**

T +41 61 795 96 10
info@biosystems.ch
www.biosystems.ch

Biosystems Switzerland AG
Hofackerstrasse 40A
CH-4132 Muttenz

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