

## ***APPENDICES***

### ***Appendix (1):***

#### **1. Instruments and solutions:**

##### **1.1 Instrument:**

-Rotary microtome.

-Oven.

-Coplin jars.

-Staining racks.

-Microtome blade.

-Coated slides.

-Cover glass.

-Water bath.

-Dako pen.

-Thermal cycler.

-Workstation.

-Pipettors.

-Tube rack.

##### **1.2 Solutions:**

-Xylene.

- Ethyle alcohol.
- Mayers haematoxyline.
- Distilled water.
- Citrate buffer.
- Peroxidase blocker.
- Anti CDX2 antibodies (primary antibodies).
- Anti human papilloma virus antibodies (primary antibodies).
- Dextran polymer conjugated secondary antibodies and HRP.
- 3.3 diaminobenzidinetetrahydrochloridin substrate buffer.
- DPX mounting media.

### Appendix (3):

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Cat. No.	2051601570
Lot No.	343710
Quantity	7 ml

#### **Antibody to Epstein Barr Virus (EBNA1)**

Host:	Rat
Subclass:	IgG2a
Presentation:	Purified tissue culture supernatant diluted in buffer with < 0,1 % sodium azide
Assay system:	IHC(p,f)/ELISA
Titre:	Used in an Avidin/Biotin complex AEC/DAB, it is sufficient for 70 slides using 100µl per slide .
Fixatives:	1)NOTOXhisto 2)Formalin
Specificity:	Reacts with latent forms of EBV antigens.
Reactivity:	Human,, others not tested.
Cell. Local.	Cytoplasmic
Positive control:	Epithelial carcinoma.
Storage:	Store at 2-8°C.

Errors excepted. This data sheet is a general information. The product attribute can diversify with changing Lot No as well as variations in tissue selection, tissue processing, antigen retrieval and detection systems. We do not take responsibility for any possible damage including personal injury, time or effort on economic loss caused by this product. Our warranty is limited to the price paid for the product. The product may only be used by authorized and skilled personnel. Non-application as prescribed in this data sheet leads to loss of all liability.

#### **FOR IN VITRO USE, NOT FOR DIAGNOSTIC USE**

Manufacturer:

BIOCYC GmbH & Co. KG, Im Biotechnologiepark TGZ I, 14943 Luckenwalde; certified by

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## Appendix (4):

Appendix 3

**quartett**

2030415870

LOT NO.  
Quantity

333313  
6 ml

### Antibody to CDX2

Host:	Rabbit
Immunogen:	Synthetic peptide of human CDX2 protein
Subclass:	IgG
Presentation:	Diluted antibody, in buffer with < 0.1 % sodium azide.
Assay system:	IHC(p,f)
Titre:	Used in an avidin/biotin complex AEC/DAB system vial is sufficient for 60 slides using 100 µl per slide.
Fixatives:	1) NOTOXhisto 2) Formalin
Treatments:	Staining of formalin/paraffin tissues is enhanced by boiling the tissue sections in <b>ProTaq Antigen Enhancer I, Cat# 401602092</b> for 20 min followed by cooling at RT for 20 min.
Specificity:	CDX2 is a caudal-related homeobox transcription factor that is expressed in the nuclei of intestinal epithelium and has a function in proliferation and differentiation of intestinal cells. This antibody detects primary and metastatic colorectal carcinomas, intestinal metaplasia of the stomach and intestinal type gastric cancer.
Reactivity:	Human, others not tested.
Storage:	Store at 2-8 °C. Do not use after expiration date indicated on the vial.

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