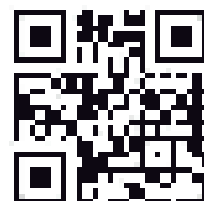


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First-hand Information
www.medac-diagnostics.de



Primary and secondary antibodies can be found on our website:
www.medac-diagnostics.de under „Information“ ➤ „Cell Marque Catalogue“.

Literature:

1. Vyberg M. & Nielsen S. Proficiency testing in immunohistochemistry — experiences from Nordic Immunohistochemical Quality Control (NordiQC). Virchows Arch. 2016; 468, 19–29.
2. Torlakovic EE, et al. Standardization of negative controls in diagnostic immunohistochemistry: recommendations from the international ad hoc expert panel. AIMM 2014; 22, 241–252.
3. Torlakovic EE, et al. Standardization of positive controls in diagnostic immunohistochemistry: recommendations from the international ad hoc expert committee. AIMM 2015; 23, 1–18.
4. Torlakovic EE, et al. Getting controls under control: the time is now for immunohistochemistry. J. Clin. Pathol. 2015; 68, 879–882.
5. Hewitt SM, et al. Controls for immunohistochemistry: the Histochemical Society's standards of practice for validation of immunohistochemical assays. J. Histochem. Cytochem. 2014; 62, 693–697.
6. Elliott K, et al. Immunohistochemistry should undergo robust validation equivalent to that of molecular diagnostics. J. Clin. Pathol. 2015; 68, 766–770.

HistoCyte
Laboratories

<http://www.histocyte.com>

Cell Microarray Controls



NEW: ROS1



PD-L1



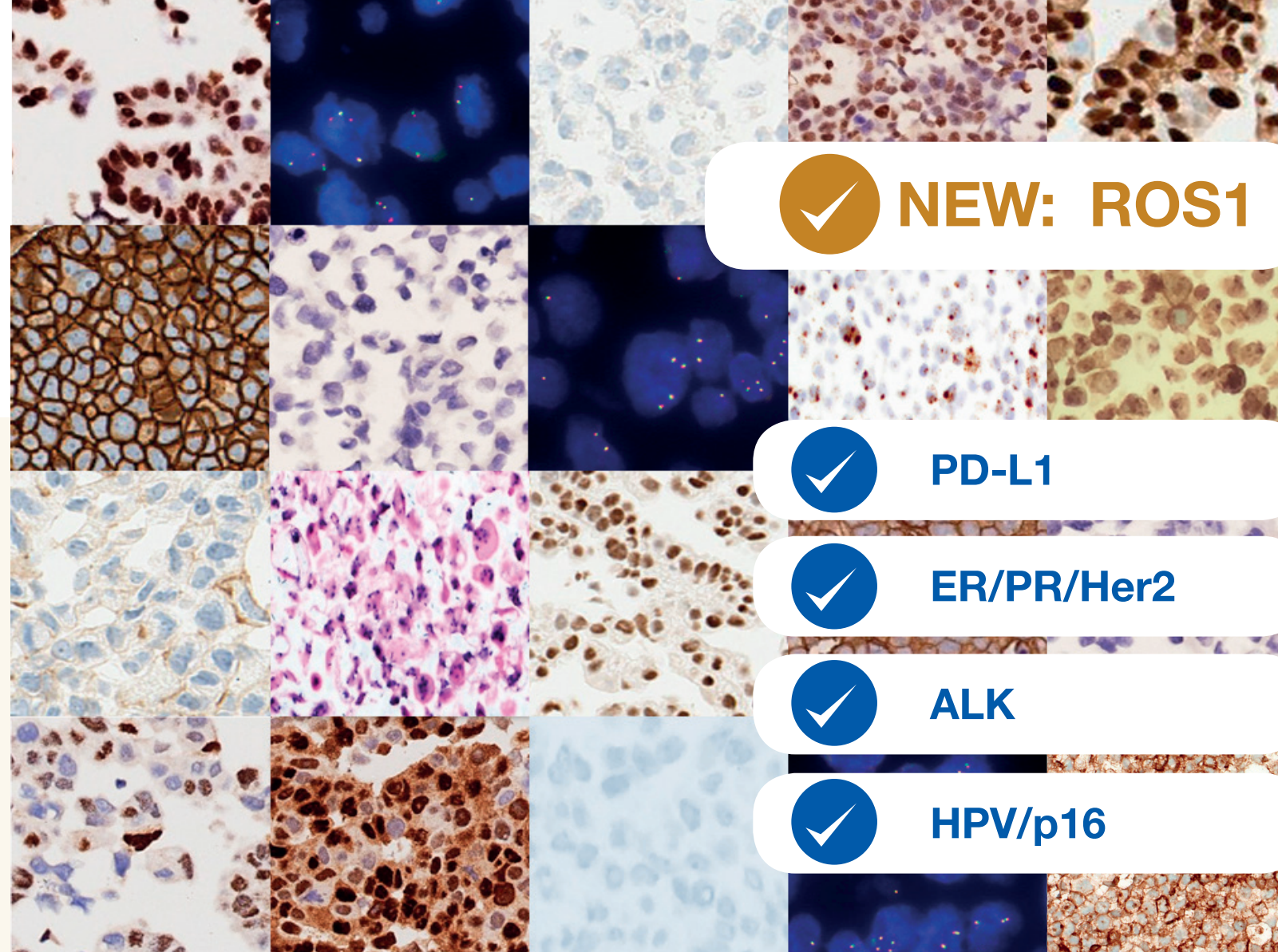
ER/PR/Her2



ALK



HPV/p16



From visualisation
to diagnosis.

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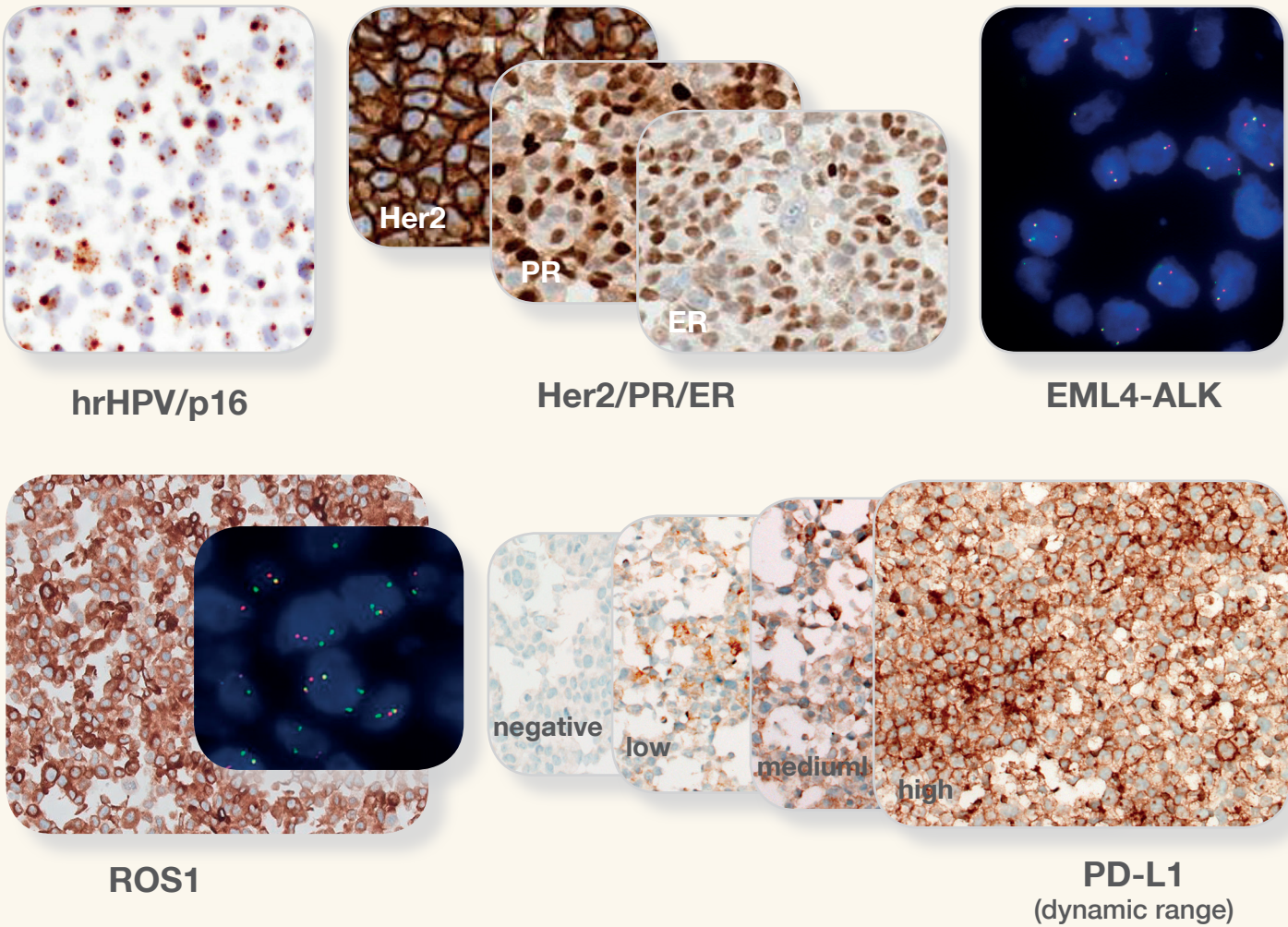
REA_E153_Cell Microarray Controls - 06/2017 abi

From visualisation
to diagnosis.

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Cell Microarray Controls - Reliable, consistent and standardized control material for routine use

Cell microarray controls from HistoCyte Laboratories are available for the detection of hrHPV/p16, EML4-ALK (NSCLC), NPM-ALK (lymphoma), PD-L1, the breast panel ER, PR and Her2 (breast cancer) and ROS1.



- Cell microarray controls contain cores from different cell lines with **accurately defined expression levels of the respective biomarkers**.
- Controls are characterized by a **high cell density** with a **tissue-like morphology** and can be processed by standard protocols.
- The consistent and standardized expression of the biomarkers guarantees **reproducible staining results**.
- The controls are manufactured for same slide use in **immunohistochemistry (IHC)** and **in situ hybridization (ISH)**.
- Using cell lines as control material ensure the **permanent availability** of the products.

Products

Ordering information: Tel. +49 (0)4103 8006-342

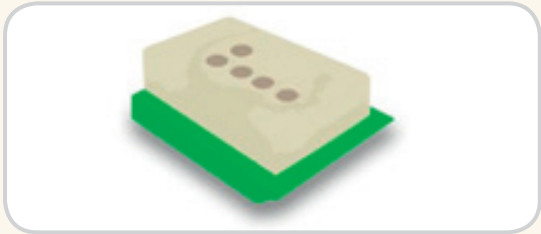
Object slides (OT)

- Slides with unstained paraffin sections
- 2 or 5 slides per package



Block

- Cell microarray (CMA) paraffin wax block
- Ca. 300 sections



Antigen	Product information	Format	Cat. nr.
ALK (lymphoma)	2 cores positive and negative for the NPM-ALK translocation and expression of the fusion product	2 OT**	HCL010
		5 OT	HCL011
		Block***	HCL012
ALK (lung)	2 cores positive and negative for the EML4-ALK translocation and expression of the fusion product	2 OT	HCL007
		5 OT	HCL008
		Block	HCL009
HPV/p16	3 cores positive and negative for the HPV gene, E6/E7 mRNA and expression of p16	2 OT	HCL004
		5 OT	HCL005
		Block	HCL006
HPV/p16 ^{DR*}	4 cores dynamic range of HPV gene copies, E6/E7 mRNA levels and protein expression of p16	2 OT	HCL001
		5 OT	HCL002
		Block	HCL003
Breast Analyte Control	2 cores positive and negative for HER2 gene amplification and expression of ER, PR and ErbB2	2 OT	HCL013
		5 OT	HCL014
		Block	HCL015
Breast Analyte Control ^{DR}	5 cores positive and negative for HER2 gene amplification and dynamic range of protein expression of ER, PR and Her2	2 OT	HCL016
		5 OT	HCL017
		Block	HCL018
PD-L1 Analyte Control ^{DR}	4 cores dynamic range of protein expression of PD-L1	2 OT	HCL019
		5 OT	HCL020
		Block	HCL021
ROS1 Analyte Control	2 cores positive and negative for the SLC34A2-ROS1 translocation and expression of the fusion product	2 OT	HCL022
		5 OT	HCL023
		Block	HCL024

* DR: Dynamic Range; ** OT: Object slides; *** Block: Paraffin wax block, ca. 300 sections