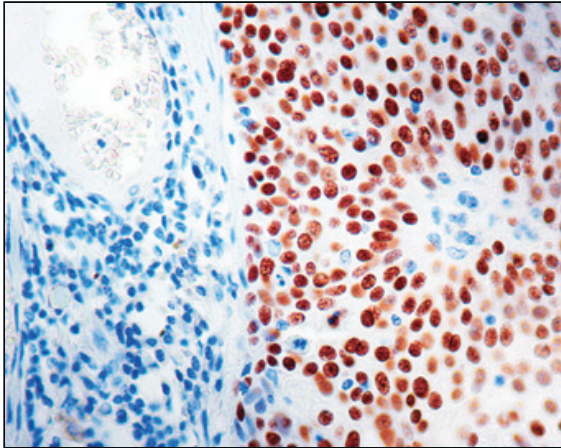




p40 (Δ Np63 isoform)

important marker for

- lung (squamous cell carcinoma)
- breast (myoepithelial cells)
- prostate (basal cells)
- bladder carcinoma

- better specificity than p63
- better discrimination of squamous cell carcinoma from adenocarcinoma (lung)
- reliable diagnosis also on small biopsies
- lung antibody panel:
 - adenocarcinoma: **TTF-1** (nuclear), **Napsin A** (cytoplasmic)
 - squamous cell carcinoma: **p40** (nuclear), **CK5** (cytoplasmic), **Desmoglein-3** (membranous)
- p40 (rabbit, polyclonal) recommended in key NSCLC publications and guidelines¹⁻¹⁰
- valuable marker for **myoepithelial cells** (breast^{14,15}), **basal cells** (prostate¹⁶, bladder¹⁷⁻²⁰), references overleaf

Lung tumour	^{new} Napsin A* (MRQ-60)	TTF-1 (EP229)	CK5** (EP1601Y)	p63 (4A4)	^{new} Desmoglein-3 (5G11)	^{new} p40 (polyclonal) #
ADC (well differentiated)	+	+	–	-/+	-	–
ADC (poorly differentiated)	+	–	–	-/+	-	–
Neuroendocrine tumour (CD56+)	–	+	–	–	-	–
Squamous cell carcinoma	–	–	+	+	+	+

* most sensitive lung adenocarcinoma marker (sensitivity 83%, specificity 98%), Whithaus K, *et al.* Arch Pathol Lab Med 2012; 136:155-162.

** alternative: CK14, # affinity isolated

References p40

NSCLC

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Breast

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Prostate

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Bladder (and all squamous cell carcinomas):

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Ordering Information

Antibody	Clone	Species	Dilution	Concentrate			Ready to use/RTU		
				0.1 ml	0.5 ml	1.0 ml	1 ml	7 ml	6 ml
CD56	MRQ-42	Rabbit	100-500	156R-94	156R-95	156R-96	156R-97	156R-98	-
CD56	123C3.D5	Mouse	100-500	156M-84	156M-85	156M-86	156M-87	156M-88	-
CK5	EP1601Y	Rabbit	50-200	305R-14	305R-15	305R-16	305R-17	305R-18	-
CK5/6	D5/16B4	Mouse	50-200	356M-14	356M-15	356M-16	356M-17	356M-18	-
CK14	LL002	Mouse	100-500	314M-14	314M-15	314M-16	314M-17	314M-18	-
CK14	SP53	Rabbit	100-500	314R-14	314R-15	314R-16	314R-17	314R-18	-
Desmoglein-3	5G11	Mouse	100	-	-	Z2279	-	-	-
GATA3	L50-823	Mouse	100-500	390M-14	390M-15	390M-16	390M-17	390M-18	-
Napsin A	MRQ-60	Mouse	100-500	352M-94	352M-95	352M-96	352M-97	352M-98	-
Napsin A	EP205	Rabbit	100-500	352R-14	352R-15	352R-16	352R-17	352R-18	-
ΔNp63 (p40)	polyclonal	Rabbit	50-100	-	RP 163-05	-	-	-	PDR055
ΔNp63 (p40)	ZR8	Rabbit	100-200	-	-	Z2004	-	-	-
p63	4A4	Mouse	100	-	-	Z2003L	-	-	413751F
Sox2*	SP76	Rabbit	50-200	371R-14	371R-15	371R-16	371R-17	371R-18	-
TTF-1	EP229	Rabbit	50-200	343R-14	343R-15	343R-16	343R-17	343R-18	-

* diffuse overexpression in the squamous cell carcinoma; stem cell and pluripotency marker

For further markers please see the current Cell Marque [catalogue](#) and the associated [supplement](#) on our website www.medac-diagnostika.de: first, click on Information, then on Immunohistochemistry, see under Catalogues.

For a list of articles comparing p63 and Δ Np63 (p40) please see our website www.medac-diagnostika.de: first, click on Information, then on Primary and Secondary Antibodies.

First-hand information
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