



P501S, Prostein Klon ZR9 (Kaninchen)

- Prostata-spezifischer Marker
- Sensitiver und spezifischer als PSA
- ISUP Empfehlungen:
GATA3 für UrothelCa,
P501S + Nkx3.1 für ProstataCa (Ref.1,2)

Karzinom	HMW Keratin	p63	p40 (Δ Np63)	Thrombo- modulin	GATA3	PSA	P501S ^{neu}	PMSA	Nkx3.1 ^{neu}
	334M-8	Z2003L	Z2004	339M-1	390M-1	324M-1	Z2006	Z2186	441R-1
Prostata	-	-/+	-	-	-	+	+	+	+
Urothel	+	+	+	+/-	+/-	-	-	-	-

Literatur P501S (Prostein) u.a. Prostatamarker:

1. Amin MB, et al.; **Members of the ISUP Immunohistochemistry in Diagnostic Urologic Pathology-Group. Best practices recommendations in the application of immunohistochemistry in urologic-pathology: report from the International Society of Urological Pathology consensus conference.** *Am J Surg Pathol* 2014; 38: 1017-1022. <http://pathology.jhu.edu/isup/meetings.cfm>
2. Epstein JI, et al.; **Members of the ISUP Immunohistochemistry in Diagnostic Urologic Pathology Group. Best practices recommendations in the application of immunohistochemistry in the prostate: report from the International Society of Urologic Pathology consensus conference.** *Am J Surg Pathol* 2014; 38: e6-e19.
3. Netto GJ, Epstein JI. **Immunohistology of the prostate (Chapter 16)**. In: *Diagnostic Immunohistochemistry: Theranostic and Genomic Applications (4th Ed.)*, Dabbs DJ, Elsevier 2014, p. 584-614.
4. Bhargava R, Dabbs DJ. **Immunohistology of metastatic carcinoma of unknown primary site (Chapter 8)**. In: *Diagnostic Immunohistochemistry: Theranostic and Genomic Applications (4th Ed.)*, Dabbs DJ, Elsevier 2014, p. 204-244.
5. Brimo F, Epstein JI. **Immunohistochemical pitfalls in prostate pathology.** *Hum Pathol* 2012; 43: 313-324.
6. Paner GP, et al. **Best practice in diagnostic immunohistochemistry: prostate carcinoma and its mimics in needle core biopsies.** *Arch Pathol Lab Med* 2008; 132: 1388-1396.
7. Mohanty SK, et al. **Evaluation of contemporary prostate and urothelial lineage biomarkers in a consecutive cohort of poorly differentiated bladder neck carcinomas.** *Am J Clin Pathol* 2014; 142: 173-183.
8. Gordetsky J, Epstein JI. **Pseudopapillary features in prostatic adenocarcinoma mimicking urothelial carcinoma: a diagnostic pitfall.** *Am J Surg Pathol* 2014; 38: 941-945
9. Srinivasan M, Parwani AV. **Diagnostic utility of p63/P501S double sequential immunohistochemical-staining in differentiating urothelial carcinoma from prostate carcinoma.** *Diagn Pathol* 2011; 6: 67.
10. Wang W, Epstein JI. **Small cell carcinoma of the prostate. A morphologic and immunohistochemical study of 95 cases.** *Am J Surg Pathol* 2008; 32: 65-71.
11. Sheridan T, et al. **The role of P501S and PSA in the diagnosis of metastatic adenocarcinoma of the prostate.** *Am J Surg Pathol* 2007; 31: 1351-1355.
12. Yin M, et al. **Diagnostic utility of p501s (prostein) in comparison to prostate specific antigen (PSA) for the detection of metastatic prostatic adenocarcinoma.** *Diagn Pathol* 2007; 2: 41.
13. Chuang AY, et al. **Immunohistochemical differentiation of high-grade prostate carcinoma from urothelial carcinoma.** *Am J Surg Pathol* 2007; 31: 1246-1255.

14.Owens CL, et al. **Distinguishing prostatic from colorectal adenocarcinoma on biopsy samples: the role of morphology and immunohistochemistry.** *Arch Pathol Lab Med* 2007; 131: 599-603.

15.Kalos M, et al. **Prostein expression is highly restricted to normal and malignant prostate tissues.** *Prostate* 2004; 60: 246-256.

Bestell-Information				Tel. 04103/8006-111					
Antikörper	Klon	Spezies	Verdünnung	konzentriert			gebrauchsfertig / RTU		
				0,1 ml	0,5 ml	1,0 ml	1 ml	7 ml	6 ml
HMW Keratin*	34betaE12	Maus	100-500	334M-84	334M-85	334M-86	334M-87	334M-88	-
GATA3	L50-823	Maus	100-500	390M-14	390M-15	390M-16	390M-17	390M-18	-
Nkx3.1	EP356	Kaninchen	50-200	441R-14	441R-15	441R-16	441R-17	441R-18	-
p40 (ΔNp63)	polyklonal	Kaninchen	50-100	-	RP163-05	-	-	-	PDR055
p40 (ΔNp63)	ZR8	Kaninchen	100-200	-	-	Z2004	-	-	-
p63	4A4	Maus	100	-	-	Z2003L	-	-	413751F
Thrombomodulin	1009	Maus	25-100	339M-14	339M-15	339M-16	339M-17	339M-18	-
PSA	ER-PR8	Maus	50-200	324M-14	324M-15	324M-16	324M-17	324M-18	-
P501S	ZR9	Kaninchen	200	-	-	Z2006	-	-	-
PMSA	SP29	Kaninchen	50	-	-	Z2186	-	-	-

* auch als 25 ml RTU (334M-80) erhältlich

Fordern Sie auch unseren GATA3- und p40-Flyer an.

Für weitere Marker fordern Sie den aktuellen Cell Marque Katalog sowie das dazugehörige Supplement an.

Eine Literaturübersicht zum Vergleich von p63 und p40 (ΔNp63) finden Sie auf unserer Webseite unter „Information“ --> „Primär- und Sekundärantikörper“.

Informationen aus erster Hand
www.medac-diagnostika.de

