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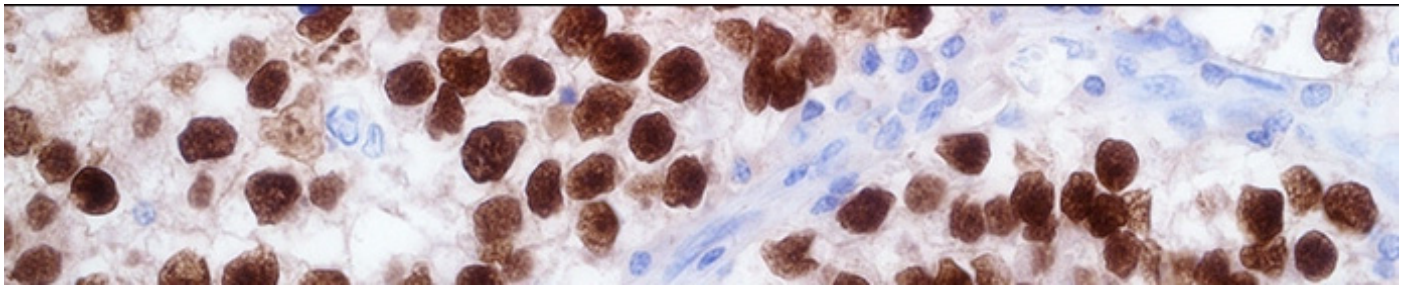

SALL4 – (Klon 6E3, Maus)
Tumorstammzell- und Keimzelltumormarker

- Anwendungsgebiete: **Gynäko-, Uro-, Hämato-, Gastroenteropathologie**
- onkofetales Protein, **Stammzell-** und **Tumorstammzellmarker** (Schlüsselfaktor für Pluripotenz und Selbsterneuerung von embryonalen u. hämatopoetischen Stammzellen)
- zentraler Regulator für Überleben und Apoptose leukämischer Zellen (u.a. AML, MDS)
- mögliches therapeutisches Ziel bei **AML** (SALL4/HDAC/PTEN Pathway)[13], **Blastenkrise der CML**[14] und **hepatozellulärem Karzinom (HCC)**[7,8]
- exprimiert in einer Untergruppe solider Tumoren (Mamma-, Ovarial-, Magenkarzinom, Wilms-Tumor, Keimzelltumoren, HCC)
- sensitivster Marker (~100%) für primär extragonadale **Keimzelltumoren** inkl. **Dottersacktumoren**[1-5]
- unterscheidet ovariale Dottersacktumoren (SALL4+) von klarzelligen Tumoren (SALL4-)[2]
- unterscheidet HCC von Magenadenokarzinomen vom „hepatoiden Typ“[10] (nukleäres Färbemuster, Prozentsatz gefärbter Tumorzellen)[11]

Positive Tumoren:

- AML, Marker der CML-Blastenkrise, B-LBL, ALCL, MDS[12-20]
- Keimzelltumoren (intratubuläre Keimzellneoplasie, Seminom, klassisch und spermatozytisch, Dysgerminom, Embryonales Karzinom, Dottersacktumor, ovariales Gonadoblastom); Teratom/Chorionkarzinom sind variabel.[1,3,4]
- Maligne Rhabdoidtumoren (~80%)[6]
- Magenadenokarzinome vom „hepatoiden Typ“ (~15%)[11]

	Seminom/ Dysgerminom	Embryonales Karzinom	Dottersack-tumor	Chorion-Karzinom	Reifes Teratom	Unreifes Teratom	Karzinoid
SALL4 385M-1	+	+	+	-	-	+/-	-
SOX-2 371R-1	-	+	-	-	+/-	+	-
Oct-4 309M-1	+	+	-	-	-	-	-
PLAP 321R-1	+	+	-/+	+/-	+/-	-	-
CD117 117R-1	+	-	-/+	-	-	+/-	-
CD30 130M-9	-	+	-	-	-	-	-
AFP 203A-1	-	-	+	-	+/-	-	-
beta-hCG 234A-1	-	-	-	+	-	+/-	-
hPL 266A-1	-	-	-	+	-	-	-
CK Cocktail 313M-1	+/-	+	+	+	+	-	+
D2-40 322M-1	+	-	-	-	-	-	-
Synaptophysin 336R-9	-	-	-	-	-	-	+
Glypican-3 261M-9	-	-	+	-	-	-	-

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Antikörper	Klon	Spezies	Verdünnung	konzentriert			gebrauchsfertig/RTU	
				0,1 ml	0,5 ml	1,0 ml	1 ml	7 ml
AFP	polyklonal	Kaninchen	50-200	203A-14	203A-15	203A-16	203A-17	203A-18
beta-hCG	polyklonal	Kaninchen	50-250	234A-14	234A-15	234A-16	234A-17	234A-18
CD30	Ber-H2	Maus	50-200	130M-94	130M-95	130M-96	130M-97	130M-98
CD117	YR145	Kaninchen	25-100	117R-14	117R-15	117R-16	117R-17	117R-18
CK Cocktail*	AE1/AE3	Maus	100-500	313M-14	313M-15	313M-16	313M-17	313M-18
D2-40	D2-40	Maus	20-100	322M-14	322M-15	322M-16	322M-17	322M-18
Glypican-3	1G12	Maus	100-500	261M-95	261M-96	261M-97	261M-98	261M-99
hPL	polyklonal	Kaninchen	50-200	266A-14	266A-15	266A-16	266A-17	266A-18
Nestin	10C2	Maus	25-100	388M-14	388M-15	388M-16	388M-17	388M-18
Oct-4	MRQ-10	Maus	50-200	309M-14	309M-15	309M-16	309M-17	309M-18
PLAP	SP15	Kaninchen	500-1.000	321R-14	321R-15	321R-16	321R-17	321R-18
SALL4	6E3	Maus	100-500	385M-14	385M-15	385M-16	385M-17	385M-18
Sox2	SP76	Kaninchen	50-200	371R-14	371R-15	371R-16	371R-17	371R-18
Synaptophysin	MRQ-40	Kaninchen	100-500	336R-94	336R-95	336R-96	336R-97	336R-98

* CK Cocktail ist außerdem noch gebrauchsfertig als 15 ml (313M-19) und 25 ml (313M-10) erhältlich.

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