

Table SI. Results of immunohistochemistry and molecular studies of the tumor.

Antibody	Clone no./cat. no.	Supplier	Dilution	Result
PAX-8	ZR-1/ZA-0558	Beijing Zhongshan Jinqiao Biotechnology Co., Ltd	1:100	+
CAIX	H-11/ZM-0161	Beijing Zhongshan Jinqiao Biotechnology Co., Ltd	1:100	-
CK7	OV-TL12/30/ZM-0071	Beijing Zhongshan Jinqiao Biotechnology Co., Ltd	1:200	-
CD117	Polyclonal	Roche Diagnostics	Ready-to-use	-
P504S	13H4/ZA-0227	Beijing Zhongshan Jinqiao Biotechnology Co., Ltd	1:200	-
Vimentin	V9/ZM-0260	Beijing Zhongshan Jinqiao Biotechnology Co., Ltd	1:200	-
CD10	HI10a/8720045	Dako; Agilent Technologies, Inc.	Ready-to-use	-
E-cadherin	4A2C7/ZM-0092	Dako; Agilent Technologies, Inc.	1:200	-
HMB45	HMB45/ZM-0187	Beijing Zhongshan Jinqiao Biotechnology Co., Ltd	1:200	-
Cathepsin K	ab37259	Abcam	1:600	-
Melan-A	A103/ZM-0398	Beijing Zhongshan Jinqiao Biotechnology Co., Ltd	Ready-to-use	-
S-100	15E2E2+4C4.9/ZM-0224	Beijing Zhongshan Jinqiao Biotechnology Co., Ltd	1:200	-
TFE3	MEQ-37/ZA-0570	Beijing Zhongshan Jinqiao Biotechnology Co., Ltd	1:200	-
TFEB	Ab2636	Abcam	1:1,000	-
FH	JH05/FR-0101	Shanghai Jiehao Biotechnology Co., Ltd	Ready-to-use	+
SDHA	2E3GC12FB2AE2	Abcam	1:1,000	Weak +
SDHB	MX096/MAB-0888	Fuzhou Maixin Biotechnology Development Co., Ltd	Ready-to-use	-
Ki-67	SP6	Dako; Agilent Technologies, Inc.	Ready-to-use	~5%

SDH, succinate dehydrogenase.