Figure S1. Immunohistochemistry-experimental information.

Immunohist-ochemistry	Primary antibody						Secondary antibody					
	Antibody	Dilution	Catalogue number	Supplier	Tempe-rature	Duration of incubation	Antibody	Contents	Production details	Supplier	Tempe-rature	Duration of incubation
CK(+)	anti-CK antibody	1:100-200	Kit-0009	Roche Diagnostics Co., Ltd	37°C	36 min	UltraView Universal DAB Detection kit	Kit with ultraView Universal HRP Multimer containing a cocktail of HRP-labeled antibodies	Goat anti-mouse lgG, goat anti-mouse lgM and goat anti-rabbit (~55 μg/ml); in a buffer containing protein with ProClin 300, a preservative, <50 μg/ml	Roche Diagnostics Co., Ltd	37°C	8 min
EMA(-)	anti-EMA antibody	1:50-100	Kit-0011	Ditto	Ditto	28 min	Ditto	Ditto	Ditto	Ditto	Ditto	Ditto
vimentin (+)	anti-vimentin antibody	1:100-200	MAB-0735	Ditto	Ditto	28 min	Ditto	Ditto	Ditto	Ditto	Ditto	Ditto
CK5/6(+)	anti-CK5/6 antibody	1:100-200	MAB-0744	Ditto	Ditto	32 min	Ditto	Ditto	Ditto	Ditto	Ditto	Ditto
P56(+)	anti-P63 antibody	1:100-200	MAB-0694	Ditto	Ditto	40 min	Ditto	Ditto	Ditto	Ditto	Ditto	Ditto
P16(+)	anti-P16 antibody	1:100-200	MAB-0673	Ditto	Ditto	22 min	Ditto	Ditto	Ditto	Ditto	Ditto	Ditto
Ki67(70%+)	anti-Ki-67 antibody	1:100-200	RMA-0731	Ditto	Ditto	36 min	Ditto	Ditto	Ditto	Ditto	Ditto	Ditto