

Table S1. Antibodies employed for chamber slides and paraffin sections. Abbreviations: cs, chamber slides; ps, paraffin section

| Antibody | Company | Dilution cs | Dilution ps | clone | Catalog number |
|------------------|---------------------------------|-------------|-------------|---|---|
| Alexa488 | Jackson Immuno Research, UK | 1:1000 | 1:1000 | - | 115-165-166 |
| DAPI | Sigma Aldrich, USA | 1:1000 | 1:1000 | - | SigmaD8417 10mg/28,4ml H ₂ O |
| Cy3 | Jackson Immuno Research, UK | 1:1000 | 1:1000 | - | 111-545-045 |
| rb.Anti-GATA-3 | Abcam, UK | 1:100 | 1:50 | IgG, polyclonal | Ab106625 |
| rb.Anti-CK7 | Abcam, UK | 1:300 | 1:100 | IgG, monoclonal EPR1619Y | Ab68459 |
| rb.Anti-CK5 | BioLegend, USA | 1:200 | 1:50 | Mainly IgG, polyclonal poly19055 | 905504/100µg |
| rb.Anti-CD276 | Abcam, UK | 1:100 | 1:100 | IgG, polyclonal | Ab226256 |
| rb.Anti-TP63 | Invitrogen, Thermo Fischer, USA | 1:100 | 1:50 | IgG, recombinant, monoclonal 10H7L17 | 703809 |
| rb.Anti-CD24 | Abcam, UK | 1:100 | 1:50 | IgG, EPR19925 | Ab202073 |
| rb.Anti-FGFR-3 | Abcam, UK | 1:100 | - | IgG1, monoclonal EPR2281(3) | Ab155960 |
| ms.Anti-AE1/AE3 | Merck, DE | 1:200 | 1:100 | IgG1, monoclonaler clone AE1/AE3 | Mab3412 |
| ms.Anti-p53 | Invitrogen, Thermo Fischer, USA | 1:100 | 1:50 | IgG1, monoclonal, PAb 240 | MA5-15244 |
| ms.Anti-Vimentin | Becton Dickinson, USA | 1:100 | 1:50 | IgG1, monoclonal, RV202 | 550513 |
| ms.Anti-S-100-P | Becton Dickinson, USA | 1:100 | 1:100 | IgG1, monoclonal, 16/S100P | 610306 |
| ms.Anti-CK20 | Merck, DE | 1:100 | 1:50 | IgMk, monoclonaler Klon XQ1 | Mabt845-25UG |
| ms.Anti-FGFR-3 | Invitrogen, Thermo Fischer, USA | - | 1:50 | IgG1, monoclonal OTI1B10 | MA5-26493 |
| ms.Anti-CD44 | Abcam, UK | 1:200 | 1:50 | IgG1, MEM-263 | Ab9524 |
| ms.Anti-Ki67 | Biomol-Arigo, | 1:100 | 1:100 | IgG1, monoclonal, ARG57562 | Arg57562 |