**Supplementary file 1 - Primary Antibodies for Immunohistochemistry**

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| **anti-body** | **manufacturer** | **dilution** |
| Rabbit Monoclonal Anti-Desmin (ab32362) | abcam, Cambridge, UK | 1:50 |
| Rabbit Polyclonal Anti-Fibronectin (ab23751) | abcam, Cambridge, UK | 1:150 |
| Rabbit Monoclonal Anti-Laminin (ab11575) | abcam, Cambridge, UK | 1:50 |
| Rabbit Monoclonal, Anti-Collagen IV (ab6586) | abcam, Cambridge, UK | 1:400 |
| Mouse Monoclonal  Anti-Elastin (ab9519) | abcam, Cambridge, UK | 1:100 |
| Mouse Monoclonal Anti-Collagen I (H00001278-M03) | Abnova, Taipei City, Taiwan | 1:400 |