**Supplementary File 4.** Primary and Secondary Antibodies Used for Immunostaining

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| --- | --- | --- | --- | --- | --- |
| **Type** | **Antibody** | **Dilution** | **Species** | **Manufacturer** | **Catalog Number** |
| Primary | Anti-MYBPC3 | 1:200 | Mouse (monoclonal) | Santa Cruz | Sc-137237 |
| Primary | Anti-ACTN2 | 1:200 | Rabbit (monoclonal) | Thermo Fisher Scientific | 701914 |
| Secondary | Donkey anti-Rabbit IgG (H+L)  Alexa Fluor 594 | 1:500 | Donkey anti-Mouse IgG (H+L) | Thermo Fisher Scientific | A-21202 |
| Secondary | Donkey anti-Mouse IgG (H+L)  Alexa Fluor 488 | 1:500 | Donkey anti-Rabbit IgG (H+L) | Thermo Fisher Scientific | A-21207 |