**Table S1. Primary and secondary antibodies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Antibody** | **Company** | **Reactivity** | **Source** | **Catalogue Number** | **Conc** |
| S100β (Polyclonal)P75NTR (Polyclonal)Phospo p-38 (polyclonal)PhospoERK1/2 (polyclonal)β- Tubulin (monoclonal)Alexa 488 (Polyclonal) | DakoPromegaCell SignalingCell SignalingCell Signaling Invitrogen | Human, MouseHuman, MouseHuman, MouseHuman, MouseMouseRabbit | RabbitRabbitRabbitRabbitRabbitGoat | Z031129-263231921191012128SA-11008 | 1:5001:5001:5001:10001:20001:200 |