**Prediction of radio-resistant prostate cancer based on differentially expressed proteins**

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**Supplementary Table 1:** Primary and secondary antibodies as well as the applied staining conditions used for immunohistochemistry.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Antibody** | **Species** | **Clonality** | **Manufacturer** | **Order number** | **Stainer** | **Pretreatment** | **Dilution** | **Secondary antibody** | **Manufacturer** | **Species** | **Order number** |
| AKR1C3 | rabbit | polyclonal | Sigma Aldrich | A6229 | Thermo Fisher | EDTA | 1:800 | Bright Vision+ | Medac Diagnostika | mouse, rabbit, rat | DPVB999 HRP |
| ALDOA | rabbit | monoclonal | Abcam | ab169544 | Thermo Fisher | EDTA | 1:200 | Bright Vision+ | Medac Diagnostika | mouse, rabbit, rat | DPVB999 HRP |
| AR | mouse | monoclonal | Dako | M3562 | Leica Bond Max | Citrate | 1:400 | Polymer Refine Detection | Bond | mouse, rabbit | DS9800 |
| BCL-2 | mouse | monoclonal | Dako | - | Leica Bond Max | Citrate | 1:200 | Polymer Refine Detection | Bond | mouse, rabbit | DS9800 |
| BIRC5 | rabbit | monoclonal | Cell Signaling | 2808 | Thermo Fisher | Citrate | 1:400 | Bright Vision+ | Medac Diagnostika | mouse, rabbit, rat | DPVB999 HRP |
| CAV-1 | rabbit | polyclonal | Proteintech | 16447-1-AP | Thermo Fisher | EDTA | 1:100 | Bright Vision+ | Medac Diagnostika | mouse, rabbit, rat | DPVB999 HRP |
| CLU | rabbit | monoclonal | Abcam | ab92548 | Thermo Fisher | EDTA | 1:100 | Bright Vision+ | Medac Diagnostika | mouse, rabbit, rat | DPVB999 HRP |
| CXCR4 | rabbit | monoclonal | Abcam | ab124824 | Thermo Fisher | EDTA | 1:100 | Bright Vision+ | Medac Diagnostika | mouse, rabbit, rat | DPVB999 HRP |
| Cyclin D1 | rabbit | monocolonal | Cell Marque | SP4 | Leica Bond Max | EDTA | 1:25 | Polymer Refine Detection | Bond | mouse, rabbit | DS9800 |
| DAB2IP | rabbit | polyclonal | Abcam | ab87811 | Thermo Fisher | Citrate | 1:100 | Bright Vision+ | Medac Diagnostika | mouse, rabbit, rat | DPVB999 HRP |
| HBP1 | rabbit | monoclonal | Thermo Fisher | PA5-38577 | Thermo Fisher | EDTA | 1:100 | Bright Vision+ | Medac Diagnostika | mouse, rabbit, rat | DPVB999 HRP |
| HIF-1a | mouse | monoclonal | Abcam | ab1 | Thermo Fisher | Citrate | 1:50 | Bright Vision+ | Medac Diagnostika | mouse, rabbit, rat | DPVB999 HRP |
| LDH Isoenzyme V | rabbit | polyclonal | Abcam | ab85472 | Leica Bond Max | Citrate | 1:300 | Polymer Refine Detection | Bond | mouse, rabbit | DS9800 |
| PIK3R1 | rabbit | monoclonal | Thermo Fisher | PA5-38904 | Leica Bond Max | EDTA | 1:50 | Polymer Refine Detection | Bond | mouse, rabbit | DS9800 |
| PTEN | mouse | monoclonal | Dako | M3627 | Thermo Fisher | Citrate | 1:100 | Bright Vision+ | Medac Diagnostika | mouse, rabbit, rat | DPVB999 HRP |