

## Automated IHC: Antibodies Previously Optimized by HSR

Updated March 2023

| Ab                         | Host | Vendor & Catalog #           | Clone      | Instrument        | Validated for Clinical or Research |
|----------------------------|------|------------------------------|------------|-------------------|------------------------------------|
| Amylase                    | Rb   | Abcam ab199132               |            | Manual AR/Ventana | R                                  |
| Androgen Receptor          | Rb   | Cell Signaling 5153S         | D6F11      | Ventana Benchmark | R                                  |
| Androgen Receptor          | Rb   | CellMarque 760-4605          | SP107      | Ventana Benchmark | CL                                 |
| Anti-ACTIVE Caspase-3      | Rb   | Promega G748A                |            | Ventana Benchmark | R                                  |
| ACTA2/sma                  | Rb   | Protein Tech                 | 14395-1-AP | Ventana Benchmark | R                                  |
| CD3                        | Rb   | Roche Ventana 790-4341       | 2GV6       | Ventana Benchmark | R                                  |
| CD31                       | Rb   | Abcam ab76533                | EPR3094    | Ventana Benchmark | R                                  |
| CD34                       | Rb   | Abcam Ab81289                | EP373Y     | Ventana Benchmark | R                                  |
| CD4                        | Rb   | Roche Ventana 790-4423       | SP35       | Ventana Benchmark | CL                                 |
| CD45                       | Ms   | Thermo Scientific 14-0459-82 | HI30       | Ventana Benchmark | R                                  |
| CD68                       | Ms   | Abcam ab783                  | PG-M1      | Ventana Benchmark | R                                  |
| CD68                       |      | BioCare                      |            | Ventana Benchmark | R                                  |
| CD8                        | Rb   | Roche Ventana 790-4460       | SP57       | Ventana Benchmark | CL                                 |
| CD163                      | Ms   | Thermo Scientific            | 10D6       | Ventana Benchmark | R                                  |
| CGA                        | Ms   | Dako M0869                   | DAK-A3     | Ventana Benchmark | R                                  |
| Chromogranin A             | Ms   | Roche Ventana                | LK2H10     | Ventana Benchmark | R                                  |
| CK19                       | Rb   | Abcam ab52625                | EP1580Y    | Ventana Benchmark | R                                  |
| Claudin 18                 |      | Roche Ventana 790-7027       | 43-14A     | Ventana Benchmark | R                                  |
| Collagen I                 | Rb   | Thermo Fisher                | PA1-26204  | Ventana Benchmark | R                                  |
| BCL-2                      | Rb   | Roche Ventana 790-4464       | 124        | Ventana Benchmark | CL                                 |
| Desmin                     | Rb   | Thermo Fisher                | PA5-16705  | Ventana Benchmark | R                                  |
| Estrogen Receptor (ER)     | Rb   | Roche Ventana 790-4324       | SP1        | Ventana Benchmark | CL                                 |
| Gata3                      | Ms   | Cell Marque 760-4897         | L50-823    | Ventana Benchmark | CL                                 |
| HBP1                       | Ms   | Biobyt orb224090             |            | Ventana Benchmark | R                                  |
| HER2                       | Ms   | Santa Cruz, sc-33684         | 3B5        | Ventana Benchmark | CL/R                               |
| HuR                        | Ms   | Santa Cruz, sc-5261          | 3A2        | Ventana Benchmark | R                                  |
| Ki67                       | Rb   | Roche Ventana 790-4286       | 30-9       | Ventana Benchmark | CL                                 |
| Ki67                       | Ms   | Cell Signaling 9449          | 8D5        | Ventana Benchmark | R                                  |
| Ki67                       | Rb   | cell marque 275R-15          | SP8        | Ventana Benchmark | R                                  |
| LSD1                       | Rb   | Cell Signaling 2139S         |            | Ventana Benchmark | R                                  |
| MLH1                       | Ms   | Novocastra NCL-L-MLH1        | ES05       | Ventana Benchmark | R                                  |
| MSH2                       | Ms   | Roche Ventana 790-5093       | G219-1129  | Ventana Benchmark | R                                  |
| MSH6                       | Rb   | Roche Ventana 790-5092       | SP93       | Ventana Benchmark | R                                  |
| PMS2                       | Ms   | Roche Ventana 790-5094       | A16-4      | Ventana Benchmark | R                                  |
| PDL-1                      | Rb   | Roche Ventana 790-4905       | SP263      | Ventana Benchmark | CL                                 |
| PDL-1                      | Ms   | Dako M3653                   | 22C3       | Leica Bond        | CL                                 |
| Progesterone Receptor (PR) | Rb   | Roche Ventana 790-2223       | 1E2        | Ventana Benchmark | CL                                 |
| PTEN                       | Rb   | Cell Signaling 9188S         | D4.3       | Ventana Benchmark | CL                                 |
| alpha-SMA                  | Rb   | Thermo PA5-16697             |            | Ventana Benchmark | R                                  |
| Synaptophysin              | Rb   | Roche Ventana 790-4407       | SP11       | Ventana Benchmark | R                                  |
| Synaptophysin              | Rb   | Cell Marque 336A-74          |            | Ventana Benchmark | R                                  |
| anti-VE cadherin           | Rb   | abcam ab33168                |            | Ventana Benchmark | R                                  |
| Vimentin                   | Rb   | Thermo Fisher                | PA5-27231  | Ventana Benchmark | R                                  |