Table 3: List of antibodies used in immunohistochemistry on rat tissues. Antibodies listed here should only be used as a guide to select the antibody, and not as a proof of specificity. Specificity of the antibody should be demonstrated when used for an IHC.

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| --- | --- | --- |
| **Antibody** | **Company** | **Catalog #** |
| Amylase | Santa Cruz Biotechnology | sc-12821 |
| Androgen Receptor | Santa Cruz Biotechnology | sc-816 |
| Bcl-2 | Santa Cruz Biotechnology | sc-7382 |
| CD68 | AbD Serotec | MCA341GA |
| Chromogranin A | Abcam | ab45179 |
| Ctip2 | Abcam | ab28448 |
| CYP3A1 | Millipore | AB1253 |
| CK5/8 | Santa Cruz Biotechnology | sc-32328 |
| CK7 | Abcam | ab181598 |
| CK20 | Abcam | ab53120 |
| E-cadherin | BD Biosciences  | 610182 |
| ED2 | AbD Serotec | MCA342R |
| Estrogen Receptor alpha | Biocare Medical | ACA093  |
| MUC-1(EMA) | Sigma-Aldrich | AV41446 |
| Estrogen Receptor beta | Abd Serotec | MCA1974ST |
| Gastrin | Dakocytomation | A0568 |
| GATA4 | Abcam | ab84593 |
| Glucagon | Cell Signaling Technology | 2760 |
| H+K+ ATPase | Thermo Scientific  | MA3-923 |
| H2AX | Abcam | ab81299 |
| Hemoglobin | Santa Cruz Biotechnology | sc-21006 |
| IgA | Bethyl Laboratories  | A110-102P |
| IgG | Vector Laboratories | BA-4001 |
| IgM | Bethyl Laboratories  | A110-100P |
| LHR | LifeSpan BioSciences | LS-C312710 |
| MAP2 | Abcam | ab32454 |
| Nestin | Abcam | ab6142 |
| Neu | Santa Cruz Biotechnology | sc-33684 |
| Olig2 | Novus Biologicals | NBP1-28667 |
| Pax5 | Dakocytomation | M7307 |
| PDGFR-alpha | Lab Vision | RB-9027 |
| Pepsinogen II | Abcam | ab9013 |
| phospho-MAPK | Cell Signaling Technology | 4370 |
| PLAP | Origene Technologies | DRM017 |
| Somatostatin | Dakocytomation | A0566 |
| SOX10 | R&D Systems | MAB2864 |
| ZO-1 | Invitrogen | 61-7300 |