



Figure 9. (A)–(F) demonstrate how tissue other than the region of interest can help in determining the specificity of an antibody. (A) Section of rat testis stained with octamer-binding transcription factor 4 (OCT4) antibody (Santa Cruz Biotechnology, catalog # sc-5279) showing no staining in a seminoma. (B) However, some cells in the surrounding seminiferous tubules (arrow) show nuclear staining. (C) Section of a uterine tumor stained with OCT4. The neoplastic cells appear to be positive based on the absence of any